Lucas Wyte

St. Brendan's College Interim Reporting System

April 1996

Developed by
Peter Doyle
Simon Wagner
Lucas Wyte

ST BRENDAN'S COLLEGE
INTERIM REPORTING SYSTEM

PROGRESS LOG

7 March — Peter starts hand-drawn draft of Create procedure.
Simon starts hand-drawn drafts of SortName and SortPcnt procedures.
Lucas starts hand-drawn draft of main menu.

8 March — Peter completed Create; starts hand-drawn draft of Load procedure.
Simon completed Sort's; starts hand-drawn draft of OutSummy procedure.
Lucas completed menu; starts hand-drawn draft of OutSlctd and OutAll procedures.

11 March — Peter completed Load; makes some changes to outputs in Create procedure.
Simon completes OutSummy procedure.
Lucas completed OutAll; completes OutSlctd with assistance of Simon.

12 March — Peter starts Delta draft of Load procedure.
Simon starts Delta drafts of SortName and SortPcnt procedures.
Lucas starts Delta draft of main menu and entry of global variables.

14 March — Peter completed Load; starts Delta draft of Create procedure.
Simon continuing drafts of SortName and SortPcnt procedures.
Lucas completed menu; starts Delta drafts of OutSlctd procedure.

18 March — Peter, on consultation with group, makes changes to Create procedure - changing role of procedure to that of an Append procedure.
Simon completed Sort's; starts Delta draft of OutSummy procedure.
Lucas continuing Delta draft of OutSlctd procedure.

19 March — Peter edits Load procedure in conforming with new Append procedure.
Simon continuing Delta draft of OutSummy procedure.
Lucas completed OutSlctd; starts Delta draft of OutAll procedure.

20 March — Peter edits Load procedure to load as part of the main program rather than as a user-selectable procedure.
Simon continuing OutSummy procedure.
Lucas completes OutAll procedure.

21 March — Peter starts Delta drafts of TchFile and SubjFile procedures.
Simon completes OutSummy procedure.
Lucas enters test data into database; edits Out' procedures to suit data.

25 March — Peter adds TchFile and SubjFile procedures to main menu; begins testing of outputs with new procedures producing favourable results.
Simon begins testing of OutSummy procedure.
Lucas begins initial coding and testing of database.

27 March — Peter continues testing of procedures and making necessary changes.
Simon continues testing of procedures, concentrating on user-proofing.
Lucas continues testing of procedures, making necessary changes while concentrating on user-friendliness and layout.

28 March — Most procedures operational; minor bugs being discussed by group in order to reach a solution.

16 April — Simon returns from holidays and discovers solution to OutSummy spacing bug; edits procedure accordingly.
Peter returns from holidays and discovers solution to variable problem in Append and Load procedures; edits procedures accordingly.
Lucas returns from holidays and discovers solution to text file storage problem; edits necessary procedures accordingly.

17 April — Simon puts finishing touches on SortName and SortPcnt procedures; begins final testing.
Peter puts finishing touches on Append and Load procedures; begins final testing.
Lucas puts finishing touches on Out' procedures; begins final testing and coding.

19 April — System fully operational, coded and ready for printing of documentation.

ST. BRENDAN'S COLLEGE
MARY'S MOUNT, YEPPOON. 4703.
YEPPOON Q 4703

Student's Name: Liam DAY

Semester: TWO, 1995 Year Level: 11

Subject: I. P. T. Teacher's Name: Mr.HAMILTON

OVERALL LEVEL OF ACHIEVEMENT

CRITERIA

KNOWLEDGE & SIMPLE FAMILIAR APPLICATIONS.....

SYNTHESIS, COMMUNICATION ANALYSIS & EVALUATION.....

	Good	Satisfactory	Needs Improvement
Attitude			
Conduct			
Work Presented			
Progress			

Comment: .....

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.....

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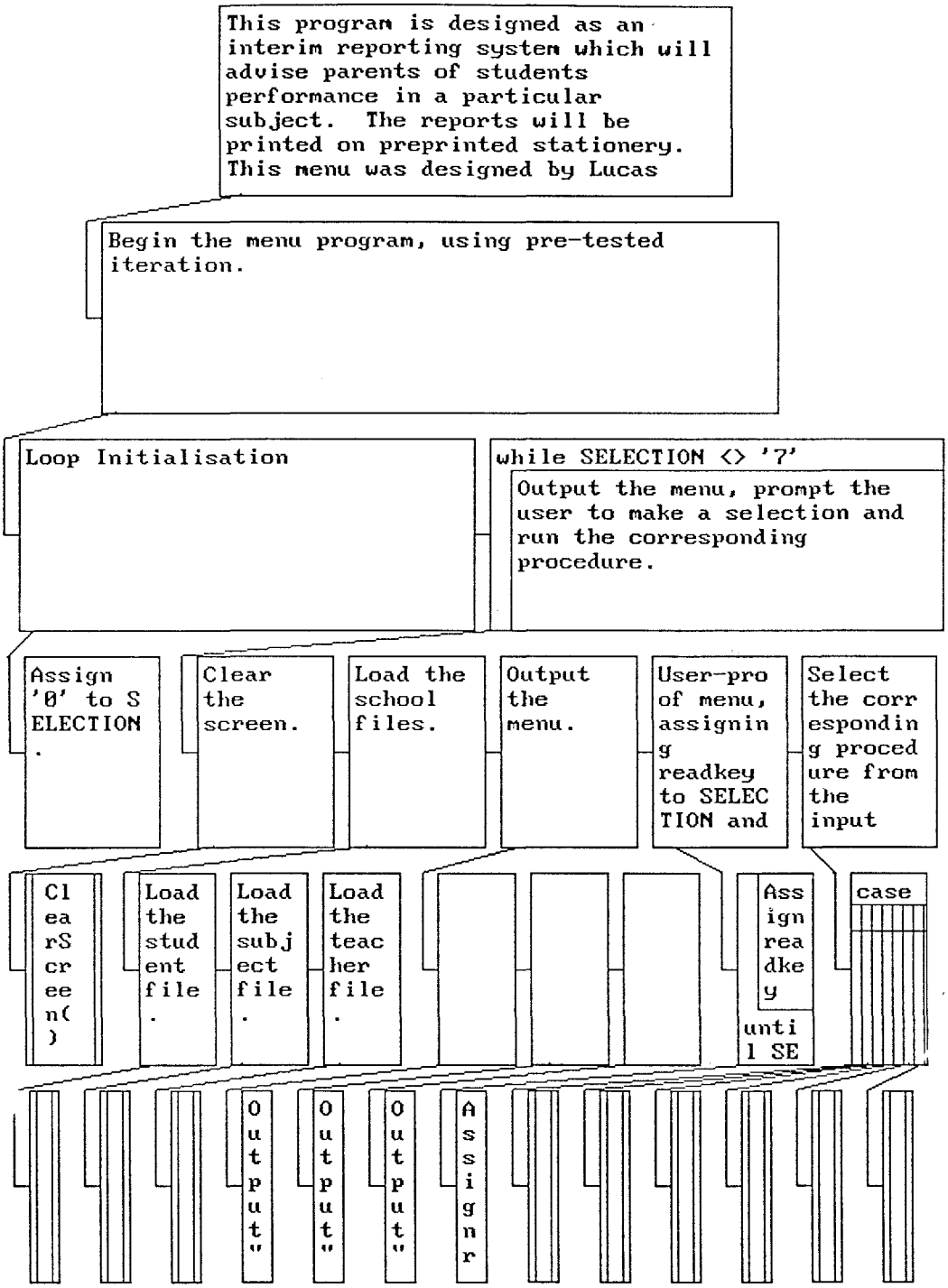
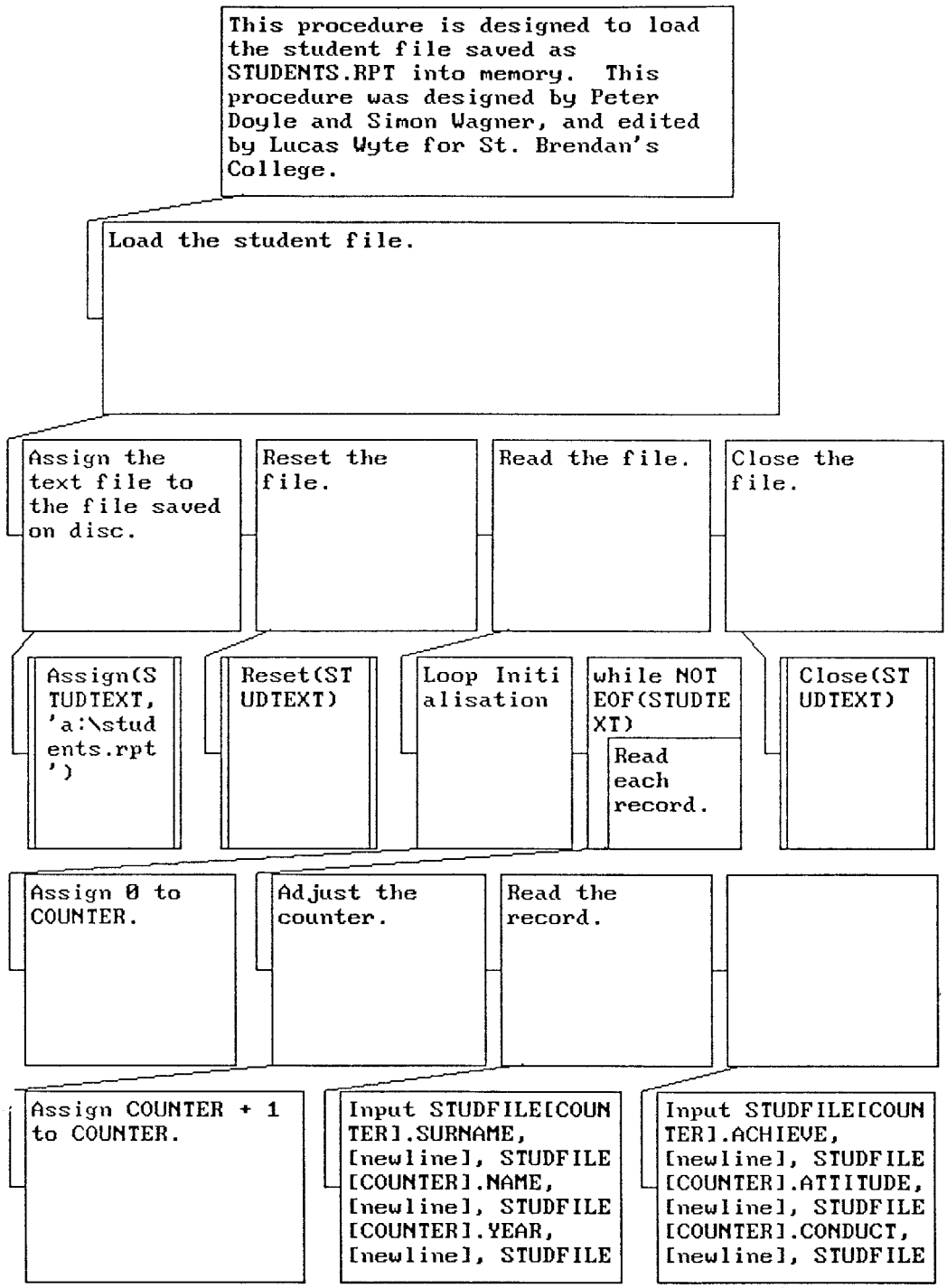
Teacher: ..... Pastoral Carer Mr. CONN .....

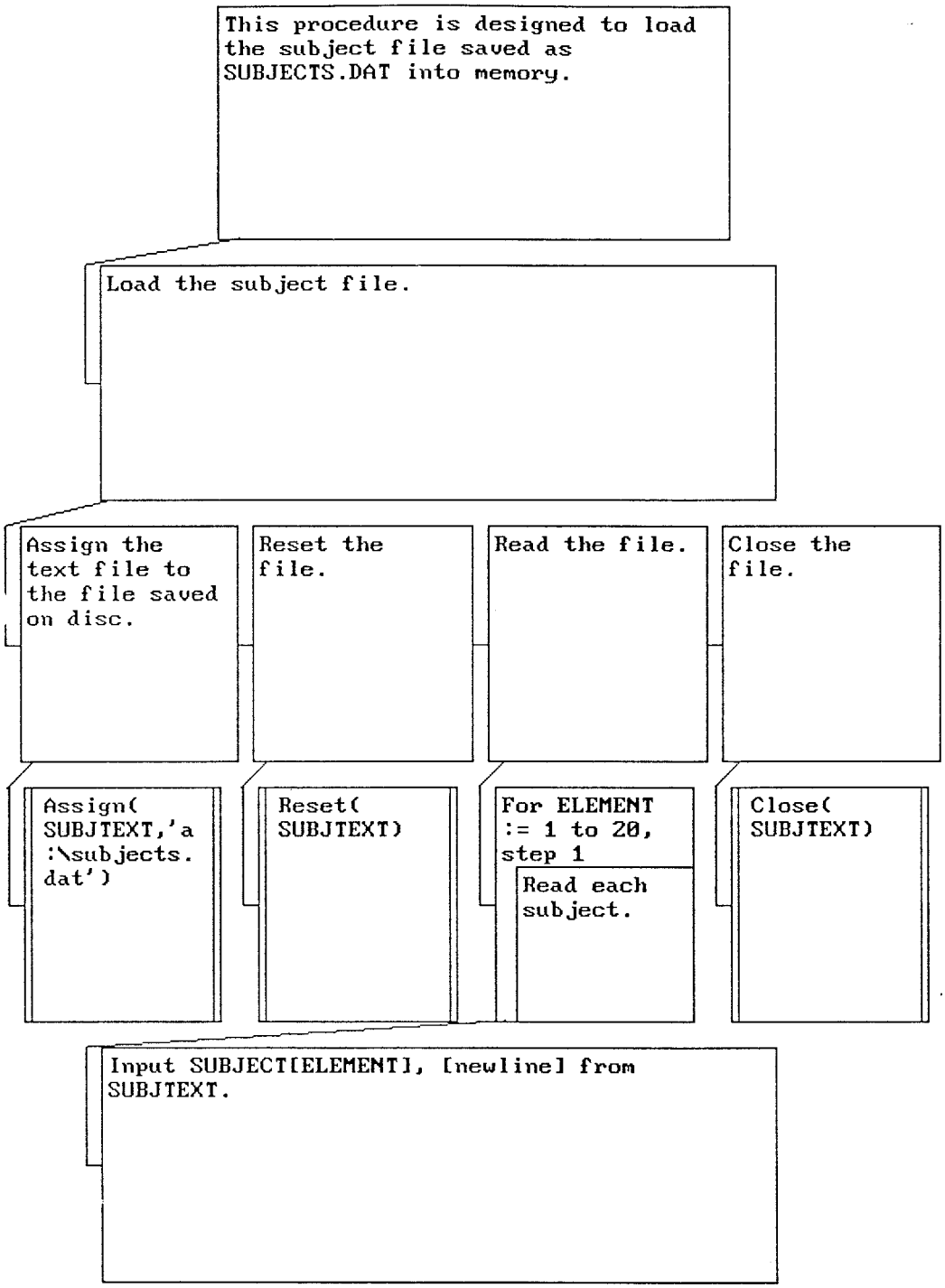



```
Identifiers used in program REPORTER (User Brendans  1 May 1996)
Type declarations (2)
   Local STR25 = string[25];
   Local STUDENT = record
         SURNAME:STR25
         NAME:STR25
         YEAR:integer single
         SUBJCODE:integer single
         TEACHCODE:integer single
         ACHIEVE:character
         PERCENT:integer single
         ATTITUDE:character
         CONDUCT:character
         PROGRESS:character
      end;  record
Variable declarations (6)
   Local SELECTION : character;
   Local COUNTER : integer single;
   Local STUDFILE : array[1..30] of STUDENT;
   Local STUDTEXT : textfile;
```

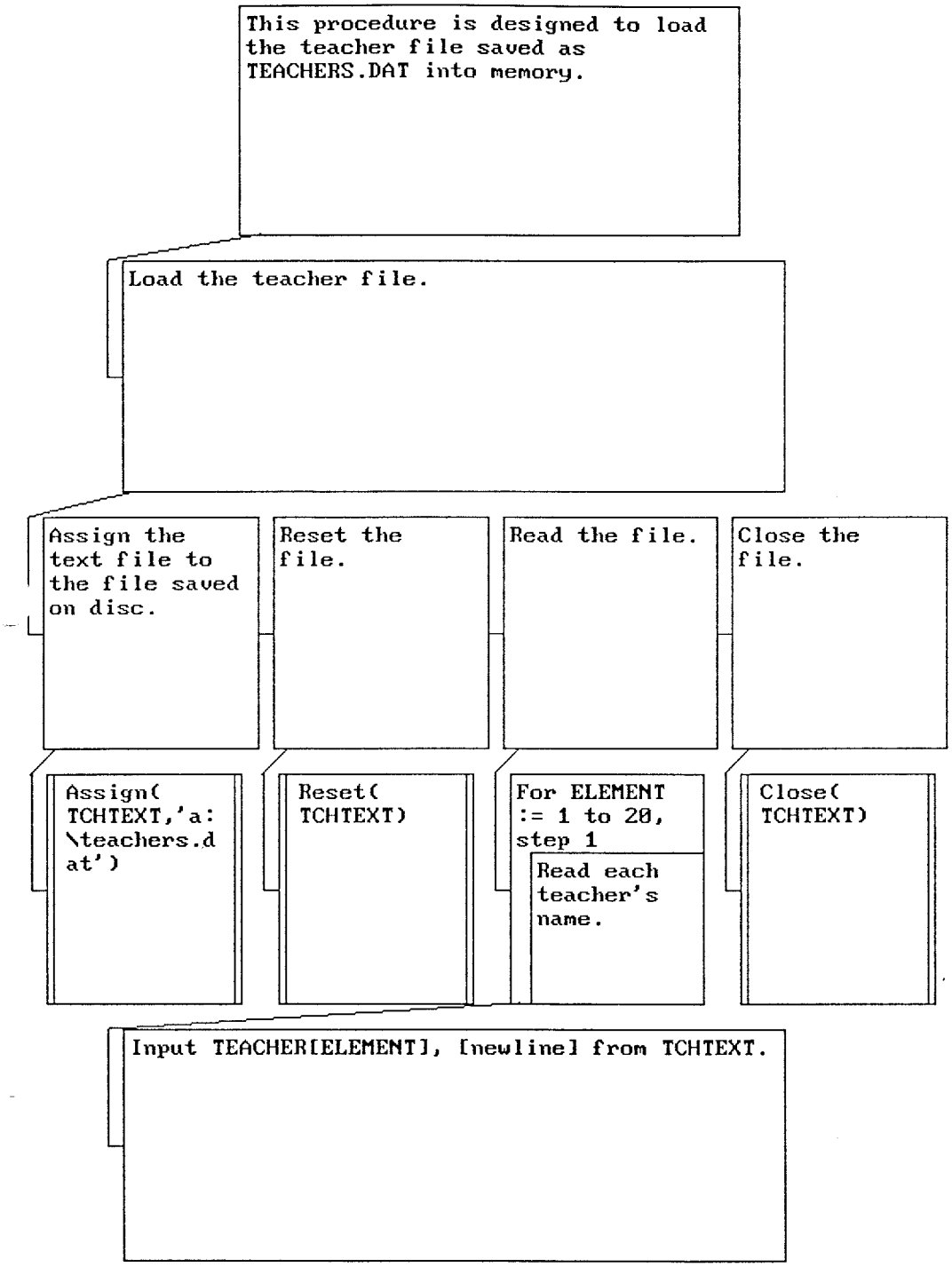


Identifiers used in procedure LOADSTUD (User Brendans 1 May 1996)
Variable declarations (3)

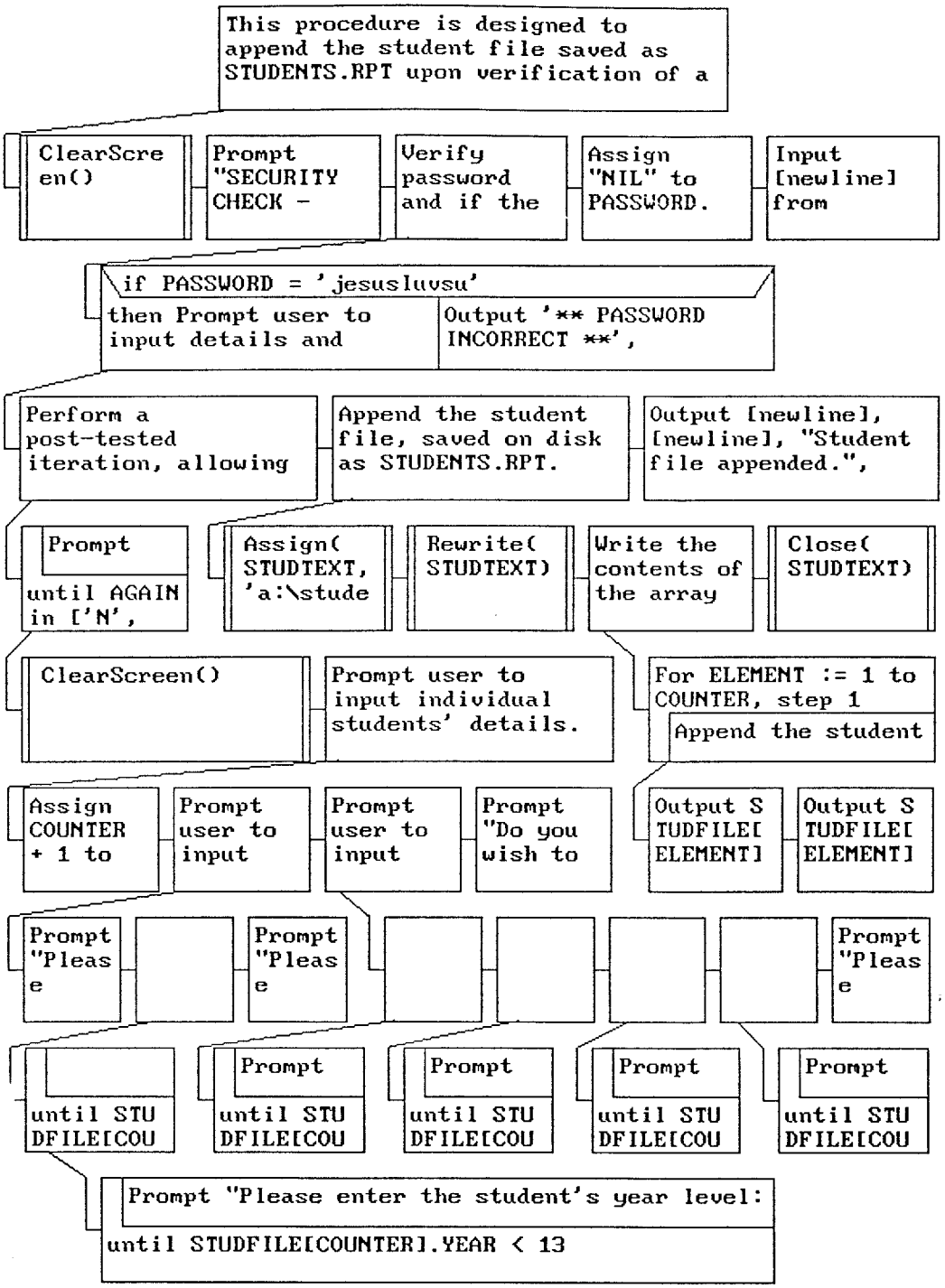
```
   Global STUDTEXT : textfile;
   Global STUDFILE : array[1..30] of STUDENT;
   Global COUNTER : integer single;
```



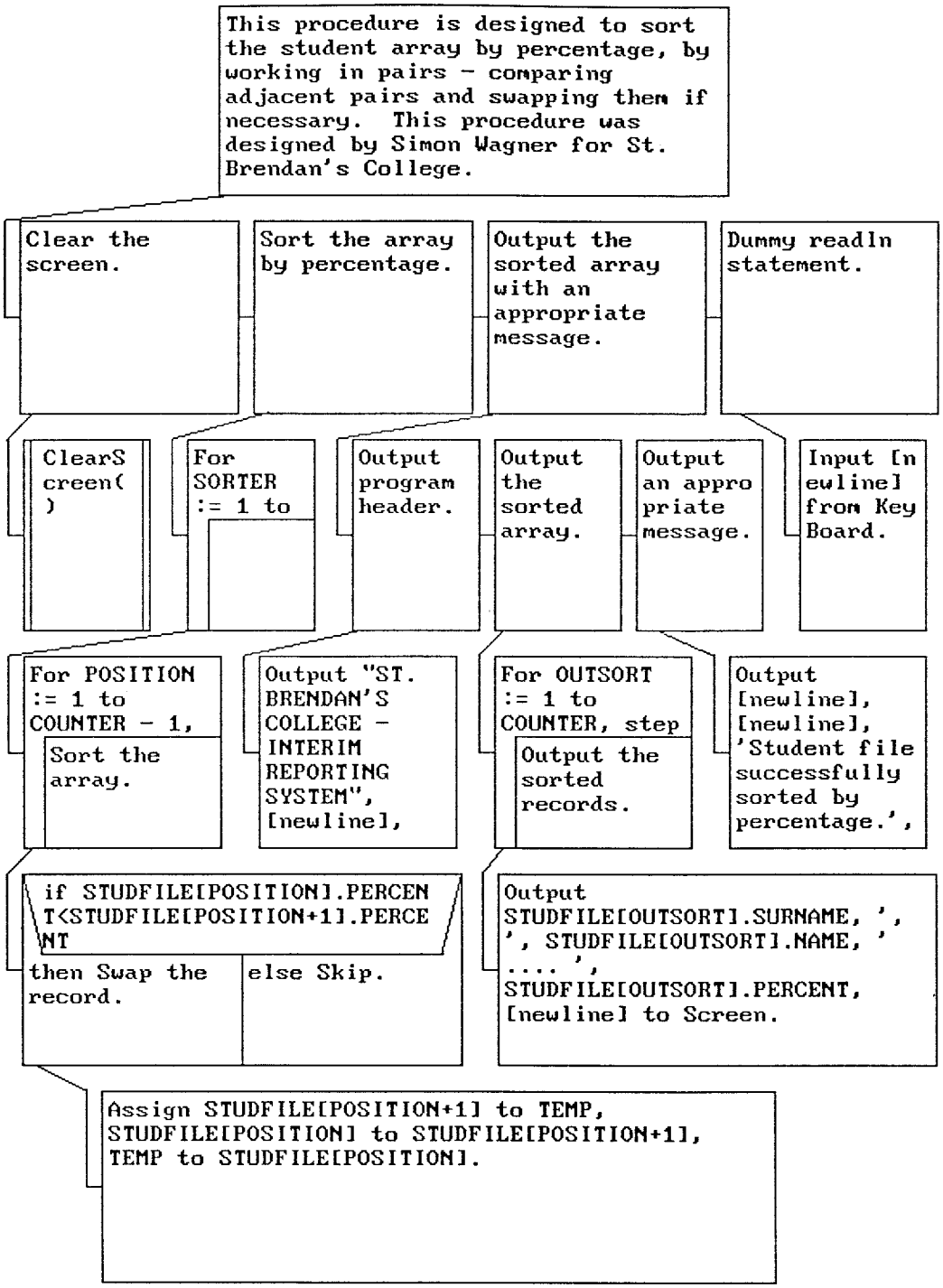

```
Identifiers used in procedure LOADSUBJ (User Brendans  1 May 1996)
Variable declarations (6)
   Global STUDTEXT : textfile;
   Global STUDFILE : array[1..30] of STUDENT;
   Global COUNTER : integer single;
   Local SUBJTEXT : textfile;
   Local ELEMENT : integer single;
   Global SUBJECT : array[1..20] of STR25;
```



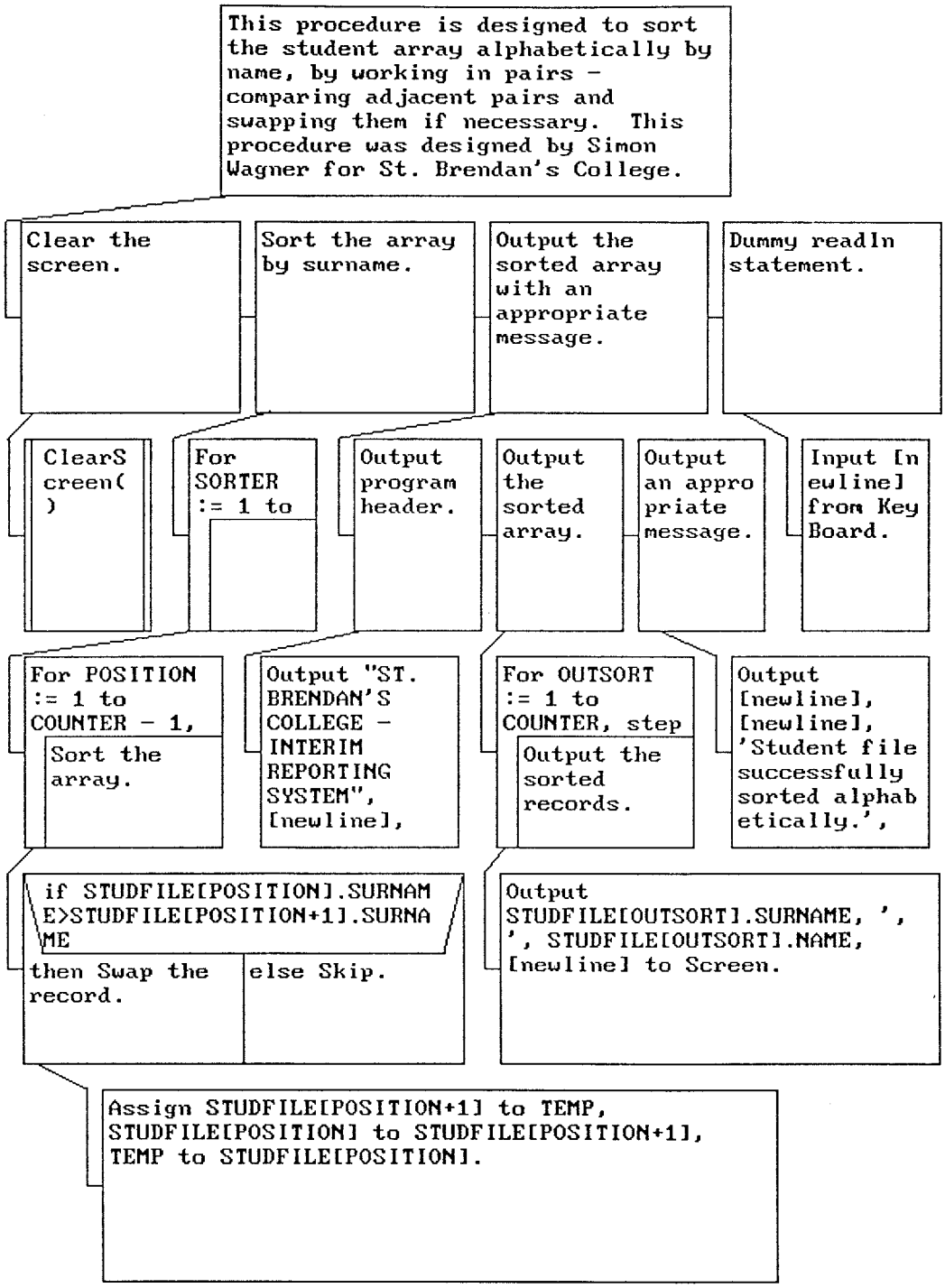

```
Identifiers used in procedure LOADTCH (User Brendans  1 May 1996)
Variable declarations (8)
   Global STUDTEXT : textfile;
   Global STUDFILE : array[1..30] of STUDENT;
   Global COUNTER : integer single;
   Local SUBJTEXT : textfile;
   Local ELEMENT : integer single;
   Global SUBJECT : array[1..20] of STR25;
   Local TCHTEXT : textfile;
   Global TEACHER : array[1..20] of STR25;
```



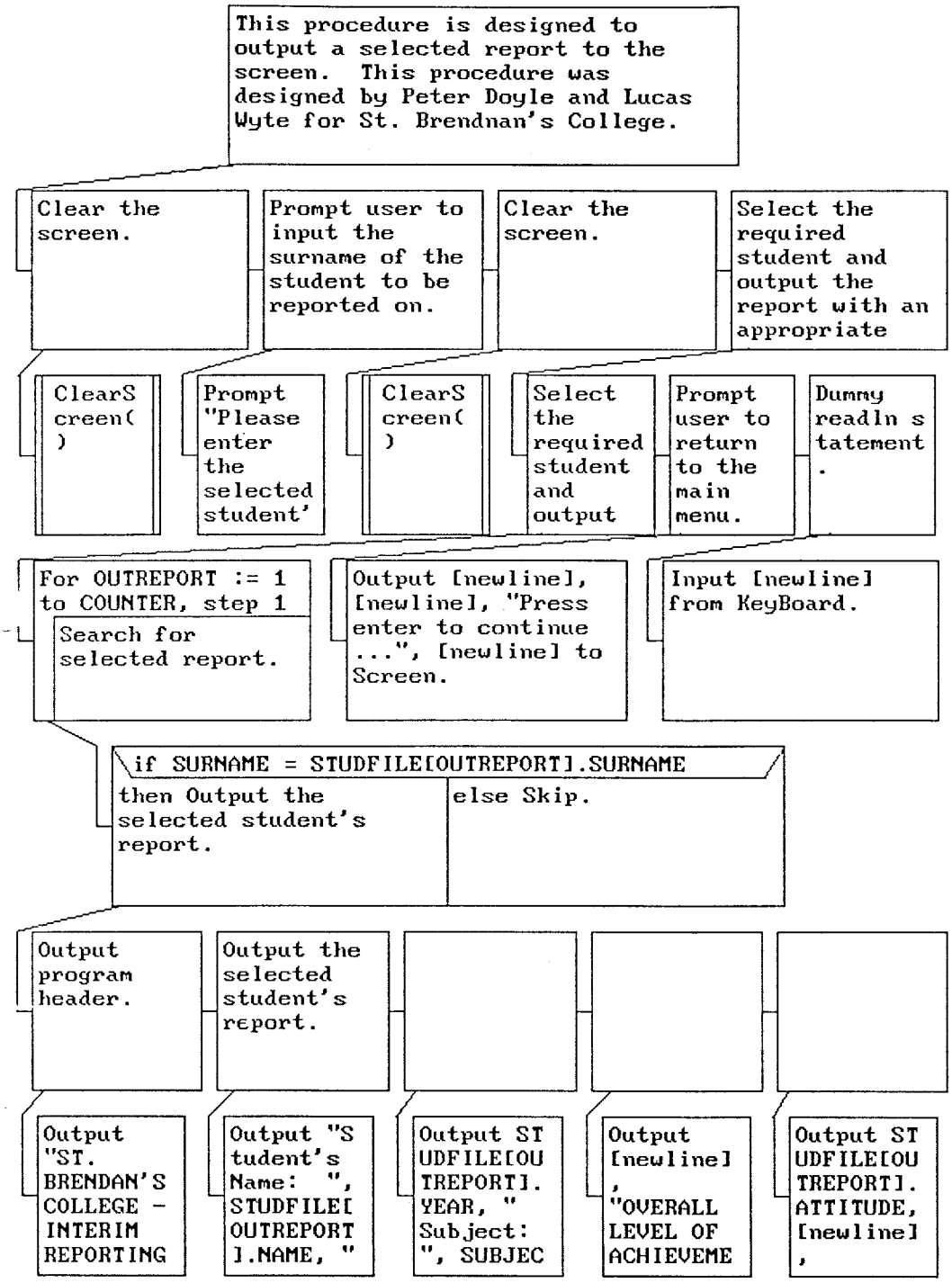

```
Identifiers used in procedure APPEND (User Brendans  1 May 1996)
Variable declarations (6)
   Local PASSWORD : string[10];
   Global COUNTER : integer single;
   Global STUDFILE : array[1..30] of STUDENT;
   Local AGAIN : character;
   Global STUDTEXT : textfile;
   Local ELEMENT : integer single;
```



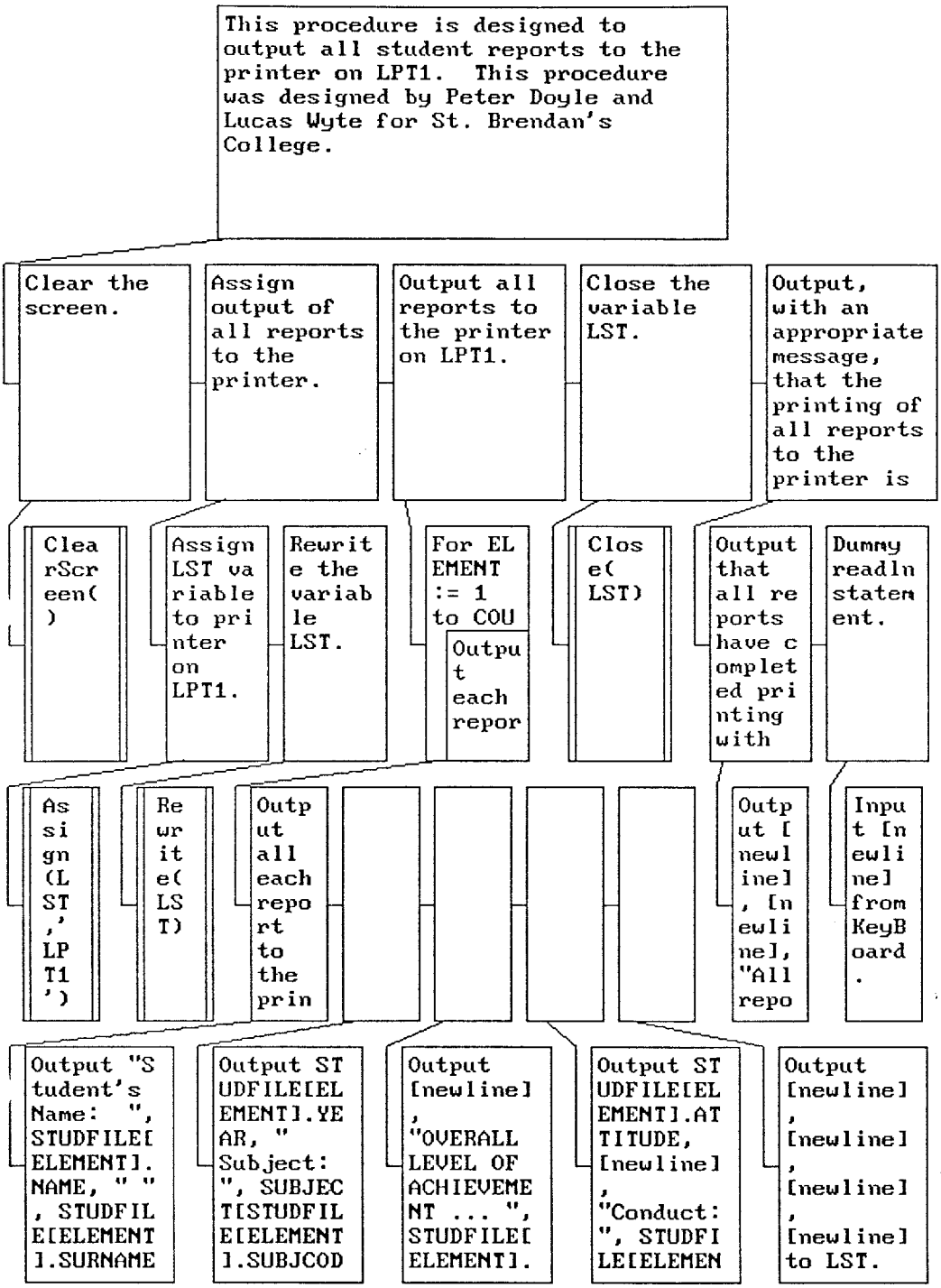

```
Identifiers used in procedure SORTPCNT (User Brendans  1 May 1996)
Type declarations (1)
   Global STUDENT = record
         SURNAME:STR25
         NAME:STR25
         YEAR:STR2
         SUBJCODE:STR2
         TEACHCODE:STR2
         ACHIEVE:STR3
         PERCENT:integer single
         ATTITUDE:character
         CONDUCT:character
         PROGRESS:character
      end;  record
Variable declarations (6)
   Global STUDFILE : array[1..30] of STUDENT;
   Local SORTER : integer single;
   Global COUNTER : integer single;
   Local POSITION : integer single;
   Local TEMP : STUDENT;
```




```
Identifiers used in procedure SORTNAME (User Brendans  1 May 1996)
Type declarations (1)
   Global STUDENT = record
         SURNAME:STR25
         NAME:STR25
         YEAR:STR2
         SUBJCODE:STR2
         TEACHCODE:STR2
         ACHIEVE:STR3
         PERCENT:integer single
         ATTITUDE:character
         CONDUCT:character
         PROGRESS:character
      end;  record
Variable declarations (6)
   Global STUDFILE : array[1..30] of STUDENT;
   Local SORTER : integer single;
   Global COUNTER : integer single;
   Local POSITION : integer single;
   Local TEMP : STUDENT;
```

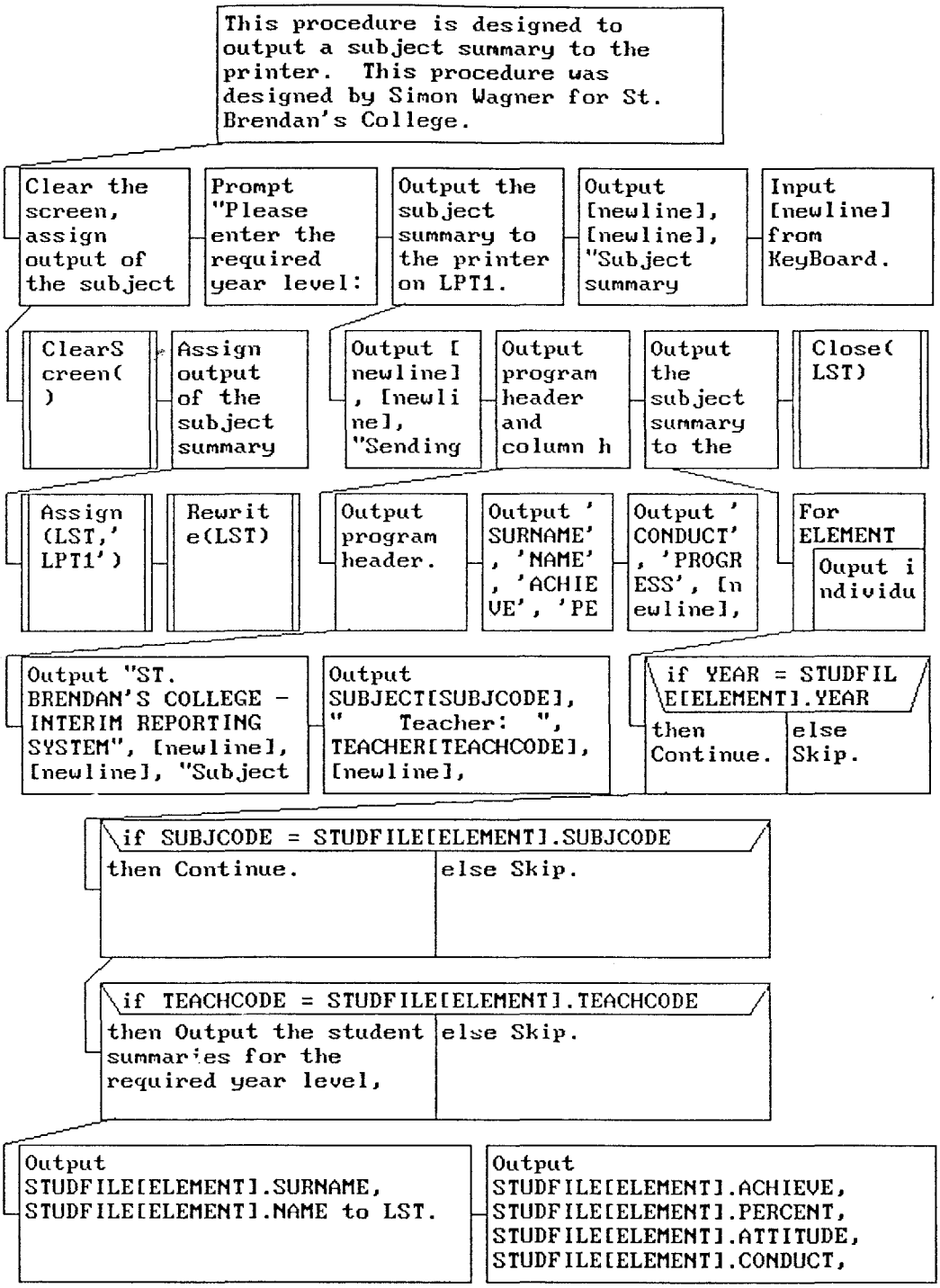



```
Identifiers used in procedure OUTSLCTD (User Brendans  1 May 1996)
Type declarations (1)
   Global STR25 = string[25];
Variable declarations (6)
   Global STUDFILE : array[1..30] of STUDENT;
   Local SURNAME : STR25;
   Global SUBJECT : array[1..20] of STR25;
   Global TEACHER : array[1..20] of STR25;
   Local OUTREPORT : integer single;
   Global COUNTER : integer single;
```



Identifiers used in procedure OUTALL (User Brendans 1 May 1996)
Variable declarations (7)

```
   Local LST : textfile;
   Local COUNT : integer single;
   Global COUNTER : integer single;
   Global TEACHER : array[1..15] of STR25;
   Global SUBJECT : array[1..15] of STR25;
   Global STUDFILE : array[1..30] of STUDENT;
   Local ELEMENT : integer single;
```




```
Identifiers used in procedure OUTSUMMY (User Brendans  1 May 1996)
Variable declarations (9)
   Local LST : textfile;
   Local YEAR : integer single;
   Local SUBJCODE : integer single;
   Local TEACHCODE : integer single;
   Global SUBJECT : array[1..20] of STR25;
   Global TEACHER : array[1..20] of STR25;
   Local ELEMENT : integer single;
   Global COUNTER : integer single;
   Global STUDFILE : array[1..30] of STUDENT;
```

```
program REPORTER;
{This program is designed as an interim reporting system
which will advise parents of students performance in a
particular subject. The reports will be printed on
preprinted stationery. This menu was designed by Lucas
Wyte. This program was designed by Peter Doyle, Simon
Wagner and Lucas Wyte for St. Brendan's College.}
uses Crt;
type
  STR25 = string[25];
  STUDENT = record
      SURNAME:STR25;
      NAME:STR25;
      YEAR:integer;
      SUBJCODE:integer;
      TEACHCODE:integer;
      ACHIEVE:char;
      PERCENT:integer;
      ATTITUDE:char;
      CONDUCT:char;
      PROGRESS:char;
    end {record};
var
  SELECTION : char;
  COUNTER : integer;
  STUDFILE : array[1..30] of STUDENT;
  STUDTEXT : text;
  TEACHER : array[1..20] of STR25;
  SUBJECT : array[1..20] of STR25;

  procedure SORTPCNT;
  {This procedure is designed to sort the student array by
  percentage, by working in pairs - comparing adjacent pairs
  and swapping them if necessary. This procedure was designed
  by Simon Wagner for St. Brendan's College.}
  var
    SORTER : integer;
    POSITION : integer;
    TEMP : STUDENT;
    OUTSORT : integer;
  begin {procedure SORTPCNT}
    ClrScr;
    for SORTER := 1 to COUNTER do
      for POSITION := 1 to COUNTER - 1 do
        if
STUDFILE[POSITION].PERCENT<STUDFILE[POSITION+1].PERCENT then
          begin
            TEMP := STUDFILE[POSITION+1];
            STUDFILE[POSITION+1] := STUDFILE[POSITION];
```

```
            STUDFILE[POSITION] := TEMP
          end
        else
          {Skip.};
    writeln('ST. BRENDAN"S COLLEGE - INTERIM REPORTING SYSTEM');
    writeln;
    writeln('Student file:');
    writeln;
    for OUTSORT := 1 to COUNTER do
      begin
        write(STUDFILE[OUTSORT].SURNAME);
        write(', ');
        write(STUDFILE[OUTSORT].NAME);
        write(' .... ');
        writeln(STUDFILE[OUTSORT].PERCENT)
      end;
    writeln;
    writeln;
    writeln('Student file successfully sorted by percentage.');
    writeln;
    writeln('Press enter to continue ...');
    readln
  end;  {procedure SORTPCNT}


  procedure SORTNAME;
  {This procedure is designed to sort the student array
  alphabetically by name, by working in pairs - comparing
  adjacent pairs and swapping them if necessary.  This
  procedure was designed by Simon Wagner for St. Brendan's
  College.}
  var
    SORTER : integer;
    POSITION : integer;
    TEMP : STUDENT;
    OUTSORT : integer;
  begin {procedure SORTNAME}
    ClrScr;
    for SORTER := 1 to COUNTER do
      for POSITION := 1 to COUNTER - 1 do
        if
STUDFILE[POSITION].SURNAME>STUDFILE[POSITION+1].SURNAME then
          begin
            TEMP := STUDFILE[POSITION+1];
            STUDFILE[POSITION+1] := STUDFILE[POSITION];
            STUDFILE[POSITION] := TEMP
          end
        else
          {Skip.};
```

```
    writeln('ST. BRENDAN"S COLLEGE - INTERIM REPORTING SYSTEM');
    writeln;
    writeln('Student file:');
    writeln;
    for OUTSORT := 1 to COUNTER do
      begin
        write(STUDFILE[OUTSORT].SURNAME);
        write(', ');
        writeln(STUDFILE[OUTSORT].NAME)
      end;
    writeln;
    writeln;
    writeln('Student file successfully sorted alphabetically.');
    writeln;
    writeln('Press enter to continue ...');
    readln
  end;  {procedure SORTNAME}


  procedure OUTSLCTD;
  {This procedure is designed to output a selected report to
  the screen.  This procedure was designed by Peter Doyle and
  Lucas Wyte for St. Brendnan's College.}
  var
    SURNAME : STR25;
    OUTREPORT : integer;
  begin {procedure OUTSLCTD}
    ClrScr;
    write('Please enter the selected student"s surname:  ');
    readln(SURNAME);
    ClrScr;
    for OUTREPORT := 1 to COUNTER do
      if SURNAME = STUDFILE[OUTREPORT].SURNAME then
        begin
          writeln('ST. BRENDAN"S COLLEGE - INTERIM REPORTING
SYSTEM');
          writeln;
          writeln('Selected student report:');
          writeln;
          writeln;
          write('Student"s Name:  ');
          write(STUDFILE[OUTREPORT].NAME);
          write(' ');
          writeln(STUDFILE[OUTREPORT].SURNAME);
          write('Year Level:  ');
          write(STUDFILE[OUTREPORT].YEAR);
          write('        Subject:  ');
          writeln(SUBJECT[STUDFILE[OUTREPORT].SUBJCODE]);
          write('Teacher:  ');
```

```
        writeln(TEACHER[STUDFILE[OUTREPORT].TEACHCODE]);
        writeln;
        write('OVERALL LEVEL OF ACHIEVEMENT ... ');
        writeln(STUDFILE[OUTREPORT].ACHIEVE);
        writeln;
        write('Attitude:  ');
        writeln(STUDFILE[OUTREPORT].ATTITUDE);
        write('Conduct:   ');
        writeln(STUDFILE[OUTREPORT].CONDUCT);
        write('Progress:  ');
        writeln(STUDFILE[OUTREPORT].PROGRESS)
      end
    else
      {Skip.};
  writeln;
  writeln;
  writeln('Press enter to continue ...');
  readln
end;  {procedure OUTSLCTD}
```

procedure OUTALL;

```
{This procedure is designed to output all student reports to
the printer on LPT1.  This procedure was designed by Peter
Doyle and Lucas Wyte for St. Brendan's College.}
var
  LST : text;
  COUNT : integer;
  ELEMENT : integer;
begin {procedure OUTALL}
  ClrScr;
  Assign(LST,'LPT1');
  Rewrite(LST);
  for ELEMENT := 1 to COUNTER do
    begin
      write(LST,'Student"s Name:  ');
      write(LST,STUDFILE[ELEMENT].NAME);
      write(LST,' ');
      writeln(LST,STUDFILE[ELEMENT].SURNAME);
      write(LST,'Year Level:  ');
      write(LST,STUDFILE[ELEMENT].YEAR);
      write(LST,'        Subject:  ');
      writeln(LST,SUBJECT[STUDFILE[ELEMENT].SUBJCODE]);
      write(LST,'Teacher:  ');
      writeln(LST,TEACHER[STUDFILE[ELEMENT].TEACHCODE]);
      writeln(LST);
      write(LST,'OVERALL LEVEL OF ACHIEVEMENT ... ');
      writeln(LST,STUDFILE[ELEMENT].ACHIEVE);
      writeln(LST);
```

```
        write(LST,'Attitude:  ');
        writeln(LST,STUDFILE[ELEMENT].ATTITUDE);
        write(LST,'Conduct:   ');
        writeln(LST,STUDFILE[ELEMENT].CONDUCT);
        write(LST,'Progress:  ');
        writeln(LST,STUDFILE[ELEMENT].PROGRESS);
        writeln(LST);
        writeln(LST);
        writeln(LST);
        writeln(LST)
      end;
    Close(LST);
    writeln;
    writeln;
    writeln('All reports completed printing.');
    writeln;
    writeln('Press enter to continue ...');
    readln
  end;  {procedure OUTALL}


  procedure OUTSUMMY;
  {This procedure is designed to output a subject summary to
  the printer.  This procedure was designed by Simon Wagner
  for St. Brendan's College.}
  var
    LST : text;
    YEAR : integer;
    SUBJCODE : integer;
    TEACHCODE : integer;
    ELEMENT : integer;
  begin {procedure OUTSUMMY}
    ClrScr;
    Assign(LST,'LPT1');
    Rewrite(LST);
    write('Please enter the required year level:  ');
    readln(YEAR);
    write('Please enter your subject code:  ');
    readln(SUBJCODE);
    write('Please enter your teacher code:  ');
    readln(TEACHCODE);
    writeln;
    writeln;
    writeln('Sending subject summary to printer on LPT1 ...');
    writeln(LST,'ST. BRENDAN"S COLLEGE - INTERIM REPORTING
SYSTEM');
    writeln(LST);
    write(LST,'Subject Summary - Year ');
    write(LST,YEAR);
```

```
  write(LST,' ');
  write(LST,SUBJECT[SUBJCODE]);
  write(LST,'    Teacher:  ');
  writeln(LST,TEACHER[TEACHCODE]);
  writeln(LST);
  writeln(LST);
  write(LST,'SURNAME':11);
  write(LST,'NAME':10);
  write(LST,'ACHIEVE':10);
  write(LST,'PERCENT':10);
  write(LST,'ATTITUDE':10);
  write(LST,'CONDUCT':10);
  writeln(LST,'PROGRESS':10);
  write(LST,'------------------------------------------------------------');
  writeln(LST,'-----------');
  for ELEMENT := 1 to COUNTER do
    if YEAR = STUDFILE[ELEMENT].YEAR then
      if SUBJCODE = STUDFILE[ELEMENT].SUBJCODE then
        if TEACHCODE = STUDFILE[ELEMENT].TEACHCODE then
          begin
            write(LST,STUDFILE[ELEMENT].SURNAME:11);
            write(LST,STUDFILE[ELEMENT].NAME:10);
            write(LST,STUDFILE[ELEMENT].ACHIEVE:10);
            write(LST,STUDFILE[ELEMENT].PERCENT:10);
            write(LST,STUDFILE[ELEMENT].ATTITUDE:10);
            write(LST,STUDFILE[ELEMENT].CONDUCT:10);
            writeln(LST,STUDFILE[ELEMENT].PROGRESS:10)
          end
        else
          {Skip.}
      else
        {Skip.}
    else
      {Skip.};
  Close(LST);
  writeln;
  writeln;
  writeln('Subject summary completed printing.');
  writeln;
  writeln('Press enter to continue ...');
  readln
end;  {procedure OUTSUMMY}
```

procedure APPEND;
{This procedure is designed to append the student file saved as STUDENTS.RPT upon verification of a password. This procedure was designed by Peter Doyle for St. Brendan's College.}

```
var
  PASSWORD : string[10];
  AGAIN : char;
  ELEMENT : integer;
begin {procedure APPEND}
  ClrScr;
  write('SECURITY CHECK - Please enter the current password: ');
  readln(PASSWORD);
  if PASSWORD = 'jesusluvsu' then
    begin
      repeat
        ClrScr;
        COUNTER := COUNTER + 1;
        write('Please enter the student"s surname:  ');
        readln(STUDFILE[COUNTER].SURNAME);
        write('Please enter the student"s first name:  ');
        readln(STUDFILE[COUNTER].NAME);
        repeat
          repeat
            write('Please enter the student"s year level:  ');
            readln(STUDFILE[COUNTER].YEAR)
          until STUDFILE[COUNTER].YEAR < 13
        until STUDFILE[COUNTER].YEAR > 7;
        write('Please enter your subject code:  ');
        readln(STUDFILE[COUNTER].SUBJCODE);
        write('Please enter your teacher code:  ');
        readln(STUDFILE[COUNTER].TEACHCODE);
        repeat
          write('Please enter the student"s level of achievement (A-E):    ');
          readln(STUDFILE[COUNTER].ACHIEVE)
        until STUDFILE[COUNTER].ACHIEVE in ['A', 'B', 'C', 'D', 'E'];
        repeat
          write('Please enter a mark for the student"s attitude (G, S, N):  ');
          readln(STUDFILE[COUNTER].ATTITUDE)
        until STUDFILE[COUNTER].ATTITUDE in ['G', 'S', 'N'];
        repeat
          write('Please enter a mark for the student"s conduct (G, S, N):  ');
          readln(STUDFILE[COUNTER].CONDUCT)
        until STUDFILE[COUNTER].CONDUCT in ['G', 'S', 'N'];
        repeat
          write('Please enter a mark for the student"s progress (G, S, N):  ');
          readln(STUDFILE[COUNTER].PROGRESS)
        until STUDFILE[COUNTER].PROGRESS in ['G', 'S', 'N'];
        write('Please enter the student"s overall percentage:  ');
        readln(STUDFILE[COUNTER].PERCENT);
        write('Do you wish to enter another student"s details (Y/N)? ');
        readln(AGAIN)
      until AGAIN in ['N', 'n'];
      Assign(STUDTEXT,'a:\students.rpt');
```

```
      Rewrite(STUDTEXT);
      for ELEMENT := 1 to COUNTER do
        begin
          writeln(STUDTEXT,STUDFILE[ELEMENT].SURNAME);
          writeln(STUDTEXT,STUDFILE[ELEMENT].NAME);
          writeln(STUDTEXT,STUDFILE[ELEMENT].YEAR);
          writeln(STUDTEXT,STUDFILE[ELEMENT].SUBJCODE);
          writeln(STUDTEXT,STUDFILE[ELEMENT].TEACHCODE);
          writeln(STUDTEXT,STUDFILE[ELEMENT].ACHIEVE);
          writeln(STUDTEXT,STUDFILE[ELEMENT].ATTITUDE);
          writeln(STUDTEXT,STUDFILE[ELEMENT].CONDUCT);
          writeln(STUDTEXT,STUDFILE[ELEMENT].PROGRESS);
          writeln(STUDTEXT,STUDFILE[ELEMENT].PERCENT)
        end;
      Close(STUDTEXT);
      writeln;
      writeln;
      writeln('Student file appended.');
      writeln;
      write('Press enter to continue ...')
    end
  else
    begin
      writeln('** PASSWORD INCORRECT **');
      writeln;
      writeln('Press enter to return to the main menu ...')
    end;
  PASSWORD := 'NIL';
  readln
end;  {procedure APPEND}


procedure LOADSTUD;
{This procedure is designed to load the student file saved as
STUDENTS.RPT into memory.  This procedure was designed by
Peter Doyle and Simon Wagner, and edited by Lucas Wyte for
St. Brendan's College.}
begin {procedure LOADSTUD}
  Assign(STUDTEXT,'a:\students.rpt');
  Reset(STUDTEXT);
  COUNTER := 0;
  while NOT EOF(STUDTEXT) do
    begin
      COUNTER := COUNTER + 1;
      readln(STUDTEXT,STUDFILE[COUNTER].SURNAME);
      readln(STUDTEXT,STUDFILE[COUNTER].NAME);
      readln(STUDTEXT,STUDFILE[COUNTER].YEAR);
      readln(STUDTEXT,STUDFILE[COUNTER].SUBJCODE);
      readln(STUDTEXT,STUDFILE[COUNTER].TEACHCODE);
```

```
        readln(STUDTEXT,STUDFILE[COUNTER].ACHIEVE);
        readln(STUDTEXT,STUDFILE[COUNTER].ATTITUDE);
        readln(STUDTEXT,STUDFILE[COUNTER].CONDUCT);
        readln(STUDTEXT,STUDFILE[COUNTER].PROGRESS);
        readln(STUDTEXT,STUDFILE[COUNTER].PERCENT)
      end;
    Close(STUDTEXT)
  end;  {procedure LOADSTUD}


  procedure LOADSUBJ;
  {This procedure is designed to load the subject file saved as
  SUBJECTS.DAT into memory.}
  var
    SUBJTEXT : text;
    ELEMENT : integer;
  begin {procedure LOADSUBJ}
    Assign(SUBJTEXT,'a:\subjects.dat');
    Reset(SUBJTEXT);
    for ELEMENT := 1 to 20 do
      readln(SUBJTEXT,SUBJECT[ELEMENT]);
    Close(SUBJTEXT)
  end;  {procedure LOADSUBJ}


  procedure LOADTCH;
  {This procedure is designed to load the teacher file saved as
  TEACHERS.DAT into memory.}
  var
    SUBJTEXT : text;
    ELEMENT : integer;
    TCHTEXT : text;
  begin {procedure LOADTCH}
    Assign(TCHTEXT,'a:\teachers.dat');
    Reset(TCHTEXT);
    for ELEMENT := 1 to 20 do
      readln(TCHTEXT,TEACHER[ELEMENT]);
    Close(TCHTEXT)
  end;  {procedure LOADTCH}

begin {program REPORTER}
  SELECTION := '0';
  while SELECTION <> '7' do
    begin
      ClrScr;
      LOADSTUD;
      LOADSUBJ;
      LOADTCH;
      writeln('ST. BRENDAN"S COLLEGE - INTERIM REPORTING SYSTEM');
```

```
      writeln;
      writeln('MAIN MENU');
      writeln;
      writeln('1.  Append Student File');
      writeln('2.  Sort by Percentage');
      writeln('3.  Sort by Name');
      writeln('4.  Output a Selected Report to Screen');
      writeln('5.  Output All Reports to Printer');
      writeln('6.  Output Subject Summary to Printer');
      writeln('7.  Quit');
      writeln;
      writeln;
      write('Please make your selection ...');
      repeat
        SELECTION := readkey
      until SELECTION in ['1', '2', '3', '4', '5', '6', '7'];
      case SELECTION of
        '1' :
          APPEND;
        '2' :
          SORTPCNT;
        '3' :
          SORTNAME;
        '4' :
          OUTSLCTD;
        '5' :
          OUTALL;
        '6' :
          OUTSUMMY;
        '7' :
          {Quit.};
        else
          {Skip.}
      end {Case}
    end
end.  {program REPORTER}
```

ST. BRENDAN'S COLLEGE - INTERIM REPORTING SYSTEM

MAIN MENU

1. Append Student File
2. Sort by Percentage
3. Sort by Name
4. Output a Selected Report to Screen
5. Output All Reports to Printer
6. Output Subject Summary to Printer
7. Quit

Please make your selection ...

ST. BRENDAN'S COLLEGE - INTERIM REPORTING SYSTEM

Student file:

Wyte, Lucas 100
Hamilton, Ron 98
Harth, Christopher 88
Ware, Andrew 82
Wannai, Isaac 74
Wagner, Simon 59
Taylor, Frank 56
Porter, Ben 38
Sommerville, Donald 33
Doyle, Peter 2

Student file successfully sorted by percentage.

Press enter to continue ...

ST. BRENDAN'S COLLEGE - INTERIM REPORTING SYSTEM

Student file:

Doyle, Peter
Hamilton, Ron
Harth, Christopher
Porter, Ben
Sommerville, Donald
Taylor, Frank
Wagner, Simon
Wannai, Isaac
[illegible]re, Andrew
[illegible]de, Lucas

Student file successfully sorted alphabetically.

Press enter to continue ...

ST. BRENDAN'S COLLEGE - INTERIM REPORTING SYSTEM

Selected student report:

Student's Name: Ron Hamilton
Year Level: 10 Subject: Accounting
Teacher: Mr I. Bradshaw

OVERALL LEVEL OF ACHIEVEMENT ... A

Attitude: G
Conduct: S
Progress: N

Press enter to continue ...

Student's Name: Ron Hamilton
Year Level: 10 Subject: Accounting
Teacher: Mr I. Bradshaw

OVERALL LEVEL OF ACHIEVEMENT ... A

Attitude: G
Conduct: S
Progress: N

Student's Name: Andrew Ware
Year Level: 10 Subject: Accounting
Teacher: Mr I. Bradshaw

OVERALL LEVEL OF ACHIEVEMENT ... C

Attitude: S
Conduct: N
Progress: S

Student's Name: Ben Porter
Year Level: 10 Subject: Accounting
Teacher: Mr I. Bradshaw

OVERALL LEVEL OF ACHIEVEMENT ... D

Attitude: S
Conduct: S
Progress: N

Student's Name: Frank Taylor
Year Level: 10 Subject: Accounting
Teacher: Mr I. Bradshaw

OVERALL LEVEL OF ACHIEVEMENT ... D

Attitude: S
Conduct: G
Progress: G

Student's Name: Donald Sommerville
Year Level: 12 Subject: Accounting
Teacher: Mr I. Bradshaw

OVERALL LEVEL OF ACHIEVEMENT ... D

Attitude: S
Conduct: S
Progress: N

Student's Name: Lucas Wyte
Year Level: 12 Subject: Biology
Teacher: Mr W. Laverty

OVERALL LEVEL OF ACHIEVEMENT ... A

Attitude: G
Conduct: G
Progress: G

Student's Name: Peter Doyle
Year Level: 8 Subject: Legal Studies
Teacher: Mr B. McGregor

OVERALL LEVEL OF ACHIEVEMENT ... E

Attitude: N
Conduct: S
Progress: N

Student's Name: Christopher Harth
Year Level: 9 Subject: Legal Studies
Teacher: Mr R. Hamilton

OVERALL LEVEL OF ACHIEVEMENT ... C

Attitude: S
Conduct: S
Progress: G

ıdent's Name: Isaac Wannai
ɾear Level: 10 Subject: Communication
Teacher: Mr S. Johnson

OVERALL LEVEL OF ACHIEVEMENT ... B

Attitude: S
Conduct: N
Progress: G

Student's Name: Simon Wagner
Year Level: 10 Subject: Economics
Teacher: Mr J. Ingram

OVERALL LEVEL OF ACHIEVEMENT ... D

Attitude: S
Conduct: S
Progress: N

ST. BRENDAN'S COLLEGE - INTERIM REPORTING SYSTEM

Subject Summary - Year 10 Accounting Teacher: Mr I. Bradshaw

SURNAME	NAME	ACHIEVE	PERCENT	ATTITUDE	CONDUCT	PROGRESS
Hamilton	Ron	A	98	G	S	N
Ware	Andrew	C	82	S	N	S
Porter	Ben	D	38	S	S	N
Taylor	Frank	D	56	S	G	G