Requirements:
A floppy diskette is required for storing programs.

What you should do:

(a) Read each program carefully before you type it in.

(b) *Deskcheck.* For each program, write down what you think is going to be the output (what the program is going to do) *before* you type the program in.

Starting QBasic.

(1) To start QBasic, go to the MS-DOS Command Prompt by selecting the [Start] Button | Programs | MS-DOS Command Prompt.

(2) Put your floppy disk into the floppy diskette drive.

(3) At the C:\WINDOWS\> Command Prompt, type in:-

```
    A:
```

to enter the A: drive. The Command Prompt should now read "A:\>"

(4) Start QBasic by typing:

```
    QBASIC
```

(5) Type in the following programs to practise the use of the QBasic programming environment and to see the programs work (execute).

Hint: When you have finished typing in your program, use the **F5** key to execute the program. You may use the Run menu command if you wish.

Hint: Read each line carefully, and enter the stuff on the paper, not what you think should be on the paper.

(6) After each program listing below, write down the 'output' or what the program put onto the QBasic output screen when you have correctly executed with the program.

(7) Each program exercise is an independent program. Save the program you type in and start a new program for each exercise.

Program 1: - Our first learning program

```
REM  My Running Program
'     Name:
'     Class:
CLS
COLOR 9
'     Possible Values for Color
'     0,  1,  2,  3,  4,  5,  6,  7,  8,  9

Age = 15
PRINT "Hello Everyone, I am a QBasic Program"
PRINT Age; "year olds are funny ones, but"
PRINT Age * 2; "year olds are funnier ..."
```

Deskcheck 1:

Output 1:

Program 2: - The Print Statement

```
REM  Another program looking at the PRINT Statement
'     Name:
'     Class:
CLS
COLOR 2
PRINT "The Print command starts a new line"
PRINT "Unless you use the semi-colon"
PRINT "Which ";
PRINT "continues on the same line."

PRINT
PRINT
COLOR 5
PRINT "1. Where is ;"
PRINT "This Line"
PRINT "2. Where is ";
PRINT "This Line"
```

Deskcheck 2:

Output 2:

QBasic Integrated Development Environment (IDE) Exercise

These exercises are designed to help you better understand the QBasic programming topic. It is to your advantage to complete all exercises as thoroughly as possible (ie. do all the work and things become easier for you.)

1. Using the HELP Menu, find out the details of how the PRINT statement works (use the Index) and record it in your notebooks. *(You can copy the notes from the screen, but you must not copy from someone else's notes.)*

2. Using the HELP Menu, find out the details of how the Date$ function works and write down what it lets you do.

Programming Exercises
With the following program assignments, make sure that you put in REM statements to specify:
(a) Your Name:
(b) Your Class:
(c) The assignment Number

1. Write a program to send the following output to the screen:

```
My Name is Little Ms Muffet
I am going to school, sometimes
at Queen Salote College
```

2. Write a program to send the following output to the screen, and make the screen colours look right.
This is the colour

```
This line of text is Black
This line of text is Blue
This line of text is Green
This line of text is Cyan
This line of text is Red
This line of text is Magenta
This line of text is Brown
```