Requirements:

A floppy diskette is required for storing programs.

The following programs should be typed in as an exercise in seeing how Flow Control programs work, and the use of their programs. At the end of the programs to be typed in are exercises that you should complete to help you better understand the programming instructions listed below.

Program 2.2.1: - Flow Control SELECT CASE

```
'Sample Program SELECT1
'SELECT CASE testexpression
'CASE expressionlist1
'   [statementblock-1]
'[CASE expressionlist2
'   [statementblock-2]]...
'[CASE ELSE
'   [statementblock-n]]
'END SELECT
'
' Another look at the IF3 program using SELECT CASE
'
CLS
INPUT "Target       "; target
INPUT "Sales "; canteenSales


' Let's Put a line to separate the final Output
PRINT "----------------------------------------------"


SELECT CASE canteenSales
CASE IS >= 2 * target
       performance$ = "Excellent"
       bonus = 1000
CASE IS >= 1.5 * target
       performance$ = "Fine"
       bonus = 500
CASE IS >= target
       performance$ = "Satisfactory"
       bonus = 100
CASE ELSE
       performance$ = "Unsatisfactory"
       bonus = 0
       PRINT "You are FIRED!!"
```

```
END SELECT

PRINT "Target "; target
PRINT "Sales "; canteenSales
PRINT "Performance "; performance$
PRINT "Bonus "; bonus
```

Deskcheck 2.2.1:

Output 2.2.1:

Programming Exercises

1. Rewrite Program 2.1.1 from the previous lab exercise using the SELECT CASE flow control.

1. Rewrite Program 2.1.2 from the previous lab exercise using the SELECT CASE flow control.

2. Write a program using the SELECT CASE that accepts two numbers from the keyboard and outputs which number is bigger than the other:

```
Sample Output:

Enter two numbers separated by a comma ?  45, 73
45 is smaller than 73

Enter two numbers separated by a comma ? 18, 2
18 is bigger than 2

Enter two numbers separated by a comma ? 65, 65
65 and 65 are the same number.
```