

Programming Assignment – Form 5p/j/m

You are required to write a Pascal program that outputs the frequency of the different weather conditions for a particular period of the year. The input is the maximum temperature for the day and these are linked to descriptions based on the table below.

TEMPERATURE	DESCRIPTION
40..45	Very Hot
30..39	Hot
20..29	Mild
0..19	Cold
-20..-1	Very Cold

NB.

- The input of data is terminated when a temperature outside the range -20 to 45 is entered.
- A CASE statement is to be used in matching a temperature to a description.
- The program is to be written using the concept of *structured programming*.
- The results should be displayed using the SAMPLE format shown below.

WEATHER REPORT	
DESCRIPTION	NO OF DAYS
Very Hot	5
Hot	0
Mild	3
Cold	2
Very Cold	1