

## QUESTION

Students sat for a test in computer studies. The table gives the marks obtained and the number of students obtaining the marks. Write a program in a structured high-level language to calculate the mean of the result. The formula for the mean is given below.

$$\text{Mean} = \frac{\sum(x \times f)}{\sum f}$$

Marks obtained (x)	Number of students (f)
10	1
15	2
20	6
25	5
30	10
35	6
40	4
45	2
50	1
55	1

## EXPECTED RESPONSE;

Program mean;

Var

Sumxf,sumf:integer

Mean:real;

Begin

Sumxf:=(10\*1)+(15\*2)+(20\*6)+(25\*5)+(30\*10)+(35\*6)+(40\*4)+(45\*2)+(50\*1)+(55\*1);

Sumf:=1+2+3+4+10+6+4+2+1+1;

Mean:= sumxf/sumf;

Writeln(mean);

Readln;

End.