

5.5 Write a program to read in a collection of examination scores ranging in value from 1 to 100. Your program should count and print the number of outstanding scores (90 - 100), the number of satisfactory scores (60 - 89) and the number of unsatisfactory scores (1 - 59). It should also display the average and the number of scores in each category.

Sample running 1:

Please input a list of examination scores (1 - 100) one by one.
You can terminate the input by entering a zero or a negative number.
The program will find the number of outstanding scores (90 - 100),
satisfactory scores (60 - 89) and unsatisfactory scores (1 - 59).

Please input a score (1 - 100) and press enter: **568** <CR>
Invalid Score
Please input another Score (1 - 100) and press enter : **12**<CR>
Unsatisfactory !
Please input another Score (1 - 100) and press enter : **45**<CR>
Unsatisfactory !
Please input another Score (1 - 100) and press enter : **78**<CR>
Satisfactory !
Please input another Score (1 - 100) and press enter : **99**<CR>
Outstanding !
Please input another Score (1 - 100) and press enter : **2**<CR>
Unsatisfactory !
Please input another Score (1 - 100) and press enter : **45**<CR>
Unsatisfactory !
Please input another Score (1 - 100) and press enter : **68**<CR>
Satisfactory !
Please input another Score (1 - 100) and press enter : **0**<CR>

The average is 49.86
Number of Outstanding scores (90 - 100) : 1
Number of Outstanding scores (60 - 89) : 2
Number of Outstanding scores (1 - 59) : 4

End of program

Sample running 2:

Please input a list of examination scores (1 - 100) one by one.
You can terminate the input by entering a zero or a negative number.
The program will find the number of outstanding scores (90 - 100),
satisfactory scores (60 - 89) and unsatisfactory scores (1 - 59).

Please input a score (1 - 100) and press enter: **0**<CR>

End of program