

OL CS T2

Basic Programming

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Test

Q1-Write a code that prints “I will attempt this test with honesty Ishaallah” 100 times [3]

Q2-Write a code that asks user to input any number with an appropriate prompt/output first [2]

Q3-Write a code that asks user to input 100 marks and outputs their sum at the end (HINT: `sum<-sum+1`) [5]

Q4-Write a code that asks the user to input 10 numbers , calculates the number of zeroes, negatives , positives and finally outputs them. You’ll need different variables to store the count of all values (HINT:`count<-count+1`) [6]

Q5-Write a code that that inputs 150 marks calculates sum , calculates average , calculates minimum marks , maximum marks and outputs them at the end [10]

Q6-Write a code that starts a post condition loop from 100 and goes backwards [4]

Q7-Write a code that calculates the sum of all odd numbers between 1-50 and outputs it [6]

Q8-Write a code that is going to run infinitely and it will never stop. Use any Pre/Post condition loop. [5]

Q9-Write a loop that continues to repeat until the user enters “stop” as input. [5]

Q10-Write a code that inputs 50 marks and awards/outputs grades to students according to a given criteria. (HINT : Use conditional statements)

Marks	Grade
85-100	A
70-84	B
55-69	C
40-54	D
25-39	E
0-24	F