

Lab 06 – 11-10-2023

Task 1: Write a program to input four numbers. Find & print their average. Next, compare each number with average and print whether number is smaller or larger than average. See sample run for better understanding:

Number 1: 45

Number 2: 30

Number 3: 35

Number 4: 40

Average: 37.5

First number is larger than average

Second number is smaller than average

Third number is smaller than average

Fourth number is larger than average

Number 1: 32

Number 2: 59

Number 3: 255

Number 4: 22

Average: 92

First number is smaller than average

Second number is smaller than average

Third number is larger than average

Fourth number is smaller than average

Task 2: Generate three random numbers in range 1-5. Print their values. Next, you have to print one or more messages from the list. For example if all values are different then you may print, ["All are different", "Second is largest", "First is smallest", "Third is in middle of first and second"]:

All are equal

All are different

First is largest

Second is largest

Third is largest

First is smallest

Second is smallest

Third is smallest

First and second are greater than third

First and third are greater than second

Second and third are greater than first

First is in middle of second and third

Second is in middle of first and third

Third is in middle of first and second

Task 3: Write a program to input number on dice for three roles. Means, the user has to think some number (1-6) on dice and input three such numbers. The number may repeat. For example, six may appear twice or thrice. Check and print one of the following messages:

One appear three times

One appear two times

One appear one time

Two appear three times

Two appear two times

Two appear one time

Three appear three times

Three appear two times

Three appear one time

Four appear three times

Four appear two times

Four appear one time

Five appear three times

Five appear two times

Five appear one time

Six appear three times

Six appear two times

Six appear one time