



United International University (UIU)

Dept. of Computer Science & Engineering (CSE)

CSE 236: Assembly Programming Laboratory

Offline Assignment-01

Marks: 15

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## 1. Problem Description

[8]

You will have to take 4 numbers between 0-9 as input and calculate their sum. *Keep in mind that the input you are taking is a character. You somehow have to convert it to the corresponding number.* Then you will print strings based on the value of the sum you calculated. You will have to follow the pseudo-code given below

if  $0 \leq \text{sum} \leq 5$  or  $\text{sum} \geq 40$ :

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print( " The sum is in range 1 " )
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else:

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print ( " The sum is in range 2 " )
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While taking the inputs, you will have to print appropriate input prompts. You will first print "Enter the first number: " (there is a space after colon) and take the input in the same line. Then in the next line you will print "Enter the second number: " and take the second number as input in the same line. You will do the same for third, fourth and fifth numbers.

Sample Inputs	Sample Outputs
Enter the first number: 1	The sum is in range 1
Enter the second number: 1	
Enter the third number: 1	
Enter the fourth number: 1	

2. Print the following pattern for  $n = 5$ .

[7]

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NB: If any copy is found the whole number will be deducted.