# Riphah School of Computing and Innovation (RSCI), Lahore



Computer Organization and Assembly Language (Lab)

## Lab Report # 1

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CS 3B

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## Task 1:

## To take input and Subtract.

## Code:

## Explanation:

## Task 2:

## To take two input as hardcore and Add them

## Code:

## Explanation:

## Task 3:

## Add three numbers and display results.

## Code:

## Explanation:

## Task 4:

## Write a VVM programs to Input a number, add 100 to it and output the result. The number 100 should be placed in a memory location prior to running the program.

## Code:

## Explanation:

## Task 5:

## Write a VVM programs to input a number, double it, and output the result.

## Code:

## Explanation:

## Task 6:

## Write a VVM programs to input a number, double it, subtract 1, and output the result

## Code:

## Explanation:

## Task 7:

## Write a VVM programs to input three numbers, add the first two together, subtract the third from the sum, and output the result.

## Code:

## Explanation:

## Task 8:

## Take any integer as input, if the number is greater than 5 print it If a>5, print a Else if a=0,then Halt Else if a<5,then halt

## Code:

## Explanation:

## Task 9:

## Take two numbers as input and print the larger number.

## Code:

## Explanation:

## Task 10:

## Print the square of any integer in the range 1-31.

Note: Add handwritten Iterations here and paste image of it.

## Code:

## Explanation:

## Task 11:

## Write a VVM program which takes an integer input and display table of that integer.

## Code:

## Explanation: