National University of Computer and Emerging Sciences



**Laboratory Manual**

***(Introduction to Computing)***

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Department of Computer Science

FAST-NU, Lahore

**Lab Manual**

***(First Programs in C++)***

**Problem 1:**

Write a simple C++ program that Prints your Name and Roll Number to console.

(You need to include header files as shown in Lab.)

**Problem 2:**

Create a C++ program with the following variables:  
 - int a = 70;

- float b = 65.5;

- char c = 65

What will the following lines output?

* cout<<a\*b<<endl<<b\*c<<endl<<c\*a<<endl;

**Problem 3:**

Declare 3 ‘int’ variables (with appropriate identifiers) and assign them values 50, 100, and 300. Add them in SUM ‘int’ variable and display it on screen.

**Problem 4:**

Create same variables as PROBLEM 3 however make SUM a ‘char’ type variable. Sum the values and output again. What went wrong?

**Problem 5:**

Write code in C++ to calculate and display average of 2 numbers entered by user.

(Be sure to use ‘float’ data type for result variable)

*(Don’t hesitate to ask for any help!)*