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| **National University of Computer and Emerging Sciences, Lahore Campus** | | | | |
| final design | **Course:** | **Programming Fundamentals Lab** | **Course Code:** | **CL118** |
| **Program:** | **BS(Computer Science)** | **Semester:** | **Fall 2018** |
| **Duration:** | **30 Minutes** | **Total Marks:** | **5+5** |
| **Paper Date:** | **17-Oct-18** | **Weight** | **2.5%** |
| **Section:** | **G** | **Page(s):** | **1** |
| **Exam:** | **Quiz-I** |  |  |
| **Instruction/Notes:** |  | | | |

**Question 1:** write a function that takes a character as a parameter and if the character is a lower case letter convert it to upper case and vice versa and return it.

Function prototype:

Char ConvertCase( char c);

You are only required to write the body of the function.

**Question 2:**

Write 3 overloaded functions ComputeSalary to compute the salary of the following employees and return it. Think of the parameters you need to pass to the overloaded functions according to the below formulas.

Professor : Salary =(payrate\*hours worked)+bonus –(tax\*payrate)

Assistant Professor: Salary =payrate\*hoursworked)+bonus

Lecturer: Salary= payrate\*hoursworked