# AMERICAN INTERNATIONAL UNIVERSITY-BANGLADESH

## Faculty of Science and Information Technology

## Department of Computer Science

## CSC 1102: Introduction to Programming

Final term Theory Assignment                                    Total Marks: 10

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1. Write a program by creating an 'Employee' class having the following functions and print the final salary.

   **Guidelines:**
   - 'getInfo()' which takes the salary, number of hours of work per day of employee as parameters
   - 'AddSal()' which adds $10 to the salary of the employee if it is less than $500.
   - 'AddWork()' which adds $5 to the salary of the employee if the number of hours of work per day is more than 6 hours.

2. Write a C++ Program to enter and print student details using Class and Object.

   **Details:**
   - Name, ID, Age, Date of Birth, CGPA, Blood Group, Semester Number, Father's Name, Mother's Name, Address, HSC GPA and SSC GPA.

3. Write a C++ Program To Calculate Electricity Bill Of Person using Class.

   **Guidelines:**
   - To Calculate Electricity Bill Of Person using Class,first we have to create and call get( ) function to take input details of the customer.
   - After get( ) , we create and call a new function  calc_bill( ) to calculate the total bill of the customer on the behalf of units consumed by the customer .
   - At last , we call the put( ) function to print or display customer or person electricity bill on the screen.

4. Write a C++ program to find Largest among 2 numbers using Class and Object.