

AMERICAN INTERNATIONAL UNIVERSITY-BANGLADESH (AIUB)

Faculty of Science and Technology (FST)

Department of Computer Science (CS)

Introduction to Programming [LAB Task on Class]

1. Assign and print the roll number, phone number and address of two students having names "Sam" and "John" respectively by creating two objects of the class 'Student'. You must use **private properties** and **public constructor and methods** for this class.
2. Write a program to print the area of a rectangle by creating a class named 'Rectangle' using setter and getter method, set and get values of its length and breadth and a function named 'getArea' which returns the area of the rectangle. Length and breadth of the rectangle are entered through keyboard. You must use **private properties** and **public constructor, and methods** for this class.
3. Write a program to print the volume of a box by from a class named Box' use setter and getter method to set and get its length, breadth and height. You must use **private properties** and **public constructor, destructors, and methods** for this class.
4. A program that would print the information (name, year of joining, salary, address) of three employees by creating a class named 'Employee'. You must use **private properties** and **public constructor, destructors, and methods** for this class. The output should be as follows:

Name	Year of joining	Address
Robert	1994	64C- WallsStreat
Sam	2000	68D- WallsStreat
John	1999	26B- WallsStreat