



AMERICAN INTERNATIONAL UNIVERSITY-BANGLADESH

Faculty of Science and Information Technology

Department of Computer Science

CSC 1102: Introduction to Programming Lab

Final term Assignment

Total Marks: 20

- 
1. Write a C++ program to convert a given number into hours and minutes. Separate the number of hours and minutes with a colon.

For example if a given number is 67 the output should be 1:7

2. Write a program that would print the information (name, year of joining, salary, address) of three employees by creating a class named 'Employee'.

The output should be as follows:

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

3. Print the sum, difference and product of two complex numbers by creating a class named 'Complex' with separate functions for each operation whose real and imaginary parts are entered by the user.
4. Print the average of three numbers entered by the user by creating a class named 'Average' having a function to calculate and print the average without creating any object of the Average class.

5. Write a program to print the area of a rectangle by creating a class named 'Area' taking the values of its length and breadth as parameters of its constructor and having a function named 'returnArea' which returns the area of the rectangle. Length and breadth of the rectangle are entered through keyboard.