

| **Branch/Semester** | BSc. IT (Cloud & Application Development) / II |
| --- | --- |
| **Subject Name:** | Advance of Application Programming |
| **Subject Code:** | 05CA0203 |
| **Assignment:** | Assignment No. 1 (Class & Object) |
| **Date:** | 8th January 2025 |
| **Faculty Name:** | Prof. Abhishek Chauhan |

| **1.** | Print the name, class and department name using C++. |
| --- | --- |
| **2.** | Making a class for Students, encapsulating data like name and marks, and using member functions. |
| **3.** | Create a program to calculate the sum of numbers inputted from the users. |
| **4.** | Create classes for Books, using constructors for initialization and destructors for memory management, establishing friendship for data access between classes. |
| **5.** | Write a program to calculate the average of student marks input from the console using C++. |