

Lab # 7

Lab Tasks

Task 1:

Write a C++ program for the matrix multiplication using operator overloading. Overload the operator (*) and solve matrix multiplication. Here are some key consideration that you keep in mind while developing solution.

In this task you will take a 3x3 matrix.

Description:

- Class Matrix has a constructor that will initialize its element to 0.
- Also has a set () function that can be used to set values in the Matrix.
- A show () function shows the matrix.
- Operator overloading definition for "*" operator.

Task 2:

Write a C++ program to overload the plus operator by using the concept of operator overloading. There must be a class having default constructor. Create three objects of the class and store the addition of two objects in third object, also include print function to print the variables.

Desired Output:

```
10
2
12
```