C++ Programming Assignment 6

# Question 1:

Write a C++ program to demonstrate function overloading. Function overloading allows multiple functions with the same name but different parameters.

## Clarifications:

1. Define two or more functions with the same name but different types or numbers of parameters.  
2. The program should demonstrate function overloading by calling the overloaded functions with different arguments.  
3. Display the output of each function call.

## Expected Output:

Example 1: Function with two integers  
Sum of two integers: 10  
  
Example 2: Function with two doubles  
Sum of two doubles: 8.5  
  
Example 3: Function with three integers  
Sum of three integers: 15

# Question 2:

Demonstrate operator overloading with the help of an example program. Operator overloading allows you to redefine the behavior of operators for user-defined types.

## Clarifications:

1. Define a class and overload one or more operators for that class.  
2. The program should demonstrate the use of the overloaded operator by performing operations on objects of the class.  
3. Display the results of the overloaded operator usage.

**Submission Guidelines:**

1. Create a folder on your Google Drive for the assignment.
2. Take full-screen screenshots of each task/program completed on your system’s IDE (online compiler screenshots are not valid).
3. Do not crop or edit the screenshots in any way to maintain clarity.
4. Upload the full-screen screenshots into the folder.
5. After uploading the screenshots, get the [shareable link](https://youtu.be/BbLmHRqHCAw) to the folder.
6. Submit the link to the assignment section.