**Lab Exercises:**

1. Suppose you are developing a bank account management system, and you have defined the BankAccount class with the required constructors. You need to demonstrate the use of these constructors in various scenarios.

a) Default Constructor Usage:

Create a default-initialized BankAccount object named account1. Print out the balance of account1.

1. Parameterized Constructor Usage:

Create a BankAccount object named account2 with an initial balance of $1000. Print out the balance of account2.

1. Copy Constructor Usage:

Using the account2 you created earlier, create a new BankAccount object named account3 using the copy constructor. Deduct $200 from account3 and print out its balance. Also, print out the balance of account2 to ensure it hasn't been affected by the transaction involving account3. Note: assume the variables in your case and print out the details.

1. Create a C++ class named "Exam" designed to manage student exam records, complete with a shallow copy implementation? Define attributes such as student name, exam date, and score within the class, and include methods to set these attributes and display exam details. As part of this exercise, intentionally omit the implementation of the copy constructor and copy assignment operator. Afterward, create an instance of the "Exam" class, generate a shallow copy, and observe any resulting issues? Then solve the issue using any OOP technique
2. You're tasked with designing a Document class for a document editor program. The class should handle text content, ensuring that copying a document creates a deep copy of the content to maintain data integrity. Follow the Rule of Three to manage resource allocation and deallocation correctly.

Here are the key requirements:

1. Create a constructor that takes initial text content and allocates memory for it.
2. Implement a destructor to deallocate memory used for the text content.
3. Create a copy constructor that performs a deep copy of the text content, preventing unintended sharing.
4. Create a copy assignment operator that ensures a deep copy of the text content, maintaining separation between objects.
5. Provide a sample program that showcases your Document class. Create an original document, generate copies using both the copy constructor and copy assignment operator, modify the original's content, and show that the copies remain unaffected.