

Web Engineering Lab

Lab 04**Marks 100**

Instructions

Work on this quiz/lab individually.

You are **NOT** allowed to use internet, mobile phone.

You are **NOT** allowed to borrow anything from your peer student.

What you have to do

Program the following tasks. The name of your files will be according to the task given in this lab.

Task 1**[100]**

Class **AccountRecordSerializable** contains private data members `account number`, `firstName`, `lastName` and `balance`. This class also provides public get and set methods for accessing the private fields.

Create a class **Bank** with following functionalities:

- `openAccount()` : This method should input the account holder's attributes, wrap in **AccountRecordSerializable** and save the object on a file.
- `Retrieve()` : This method should input the `account number` from user and print the complete record after searching from a file.
- `RetrieveAll()` : This method should print the complete record of all the account holders using a loop.
- `main()` : Provide a switch-based menu to execute this program in the following way:
 1. Open an account
 2. Retrieve and print the information of specific user
 3. Retrieve and print the information of all the account holders
 4. Exit

😊😊😊 **BEST OF LUCK** 😊😊😊
