CSE 3100

Web Programming Laboratory

Lab Test (Set A)

Time: 45 minutes   **Marks: 20**

In this lab work, you will have to create a bank system which will comprise of the following tasks.

- **Task 1 (5 Marks):** Create the following web form using html. (The amount should always be a number).

Bank Account Form

Amount: [   ] [Deposit] [Withdraw]
Current balance: 0

- **Task 2a (5 Marks):** Now you have to create a class named '**BankAccount'** which should have properties (*accountNumber*, **balance**) and some methods (**constructor, deposit, withdraw, showBalance**). For deposit amount, the total balance should increase and for deposit it should decrease.

- **Task 2b (4 Marks):** Implement the methods so that:
    - Deposit limit (single time) can be up to 1000$.
    - Withdraw is only possible when there is available balance.

- **Task 3 (6 Marks):** Every time, any deposit/withdraw is made, the total balance should be updated. One possible way is to use *Sessions* to keep track of the balance. But you can use any methods or *database* you like.