**CSC305 EXERCISES (from my exam archives)**

1. Develop a **USER RECOGNITION App** that identifies user that log in to your application. The application should accept user’s name while logging in, then prompt back to the user with the login name, proving the recognition of his entrance.

**RECOGNITION**

**! Welcome, Olotu Bamidele! This is my world!**

**LOGIN**

**Username:**

Olotu Bamidele

**OK**

2. Fabonacii is a number that has two values as initials, e.g. 0, 1; then add up the previous two digits to give the next number and ditto subsequent numbers.

0, 1, 1, 2, 3, 5, 8, 13, ... Write a java program to implement the next 50 series. (11mks)

**>Deposit Withdrawal<**

**>Load Credit Balance<**

**>Pay Bill Exit<**

3.

Taking the above diagram as **MY ATM**, accessing funds from it requires some set conditions. Assuming you have a deposit of N35,000= in your account, to access your funds, the followings are the withdrawal guidelines:

* The minimum balance is N2,000=
* If withdrawal is greater than N10,000=, 5% deduction is made on your balance
* Maximum successive withdrawal that can be made in a day (i.e. within a loop) is N30,000=

Now, assuming you want to perform the underlisted withdrawal activities within a day (within a loop):

1. Withdrawal1: N3,000=
2. Withdrawal2: N4,000=
3. Withdrawal3: N18,000=
4. Withdrawal4: N16,000=
5. Withdrawal5: N7,000=

Don’t you think you may run into error adopting manual calculation of the withdrawal process? Common, bring in Java and implement the withdrawal process subject to the given conditions. (10mks)

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