**North South University**

**Department of Electrical and Computer Engineering**

**CSE 215L: Programming Language II Lab**

**Lab** – **5: Methods**

**Objective:**

* To learn about methods
* To learn to implement a program using multiple methods

**Task:**

1. Write a method countVowels(String arg) that takes a String as parameter and returns the number of vowels.
2. Write a method isPalidrome(String arg) that determines if a String is palindrome or not. Palindrome is when a String remains the same after reversing. The method should return boolean type.

For example: MADAM is palindrome.

1. Write a program that has the following static variable - balance (initial value 0) and these static methods:

deposit(double amount): Increase account balance

withdraw(double amount): Decrease account balance

Now run an infinite loop in main program so it displays user with following options:

1. Deposit
2. Withdraw
3. Balance
4. Exit

Under each option, the program should ask for appropriate user input (i.e. amount to deposit).