

CSE 215L: Programming Language II Lab

Section: 7, Fall 2020

Tasks

1. Write a method `isPalidrome(String s)` that determines if a String is a palindrome or not.

Palindrome is when a String remains the same after reversing. The method should **return Boolean type**.

For example: MADAM is palindrome.

Hints: use `s.length() - 1` to get the index of the last character of the string.

use `s.charAt(i)` to get the character at i-th index of the string.

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

- `Deposit(int amount)`: Increase account balance
- `withdraw (int amount)`: Decrease account balance

Now run an infinite loop in main program so it displays user with following options and let the user choose the option number:

1. Deposit
2. Withdraw

Then invoke the respective method and calculate the balance.

Sample Input-Output:

```
1. Deposit
2. Withdraw
Your choice (1/2):
1
Enter amount to deposit:
65420
New balance: 65420

1. Deposit
2. Withdraw
Your choice (1/2):
2
Enter amount to withdraw:
2316
New balance: 63104

1. Deposit
2. Withdraw
Your choice (1/2):
2
Enter amount to withdraw:
321
New balance: 62783

1. Deposit
2. Withdraw
Your choice (1/2):
```