

ACS-1903

Lab #6

Due by Friday October 11 at 11:59 pm

- If you have questions during this lab do not hesitate to ask your lab demonstrator.
- All classes **must** have comments at the beginning containing your name and student number.

1. Consider the `Palindrome` program from Lab 4 which determines if the word provided by the user is a palindrome. Rewrite the program so that the main method is:

```
public static void main(String[] args){
    String word = getWordFromUser();
    boolean result = checkPalindrome(word);
    displayResult(result, word);
}
```

You may use the sample solution provided [here](#) . Name your program `Palindrome2`.

2. Write a program `DiceRollFrequency` that simulates the rolling of two dice 1000 times. Your program must display the number of times that two 1's appear (snake eyes), a roll total of 7 appears, and all other results.

Sample output:

Result	Frequency
Snake Eyes	29
Sevens	169
Other	802

Submit the two files

- `Palindrome2.java`
- `DiceRollFrequency.java`

to the email corresponding **to your lab section** with a **Subject line** `Lab6`

E.g. if you are registered in lab ACS-1903L-070 then the email address to send to is `1903L-070@acs.uwinnipeg.ca`