How to Submit:

Please submit your answers to the lab instructor once you have completed. Failure to submit will result in a zero for this lab.

Problem 1:

Write a function called `isBalanced` that takes a string of braces as input and returns `true` if the braces in the string are balanced. If there are more ‘{’ than ‘}’ or more ‘}’ than ‘{’ in the string, the function should return `false`. You should make use of the built-in java implementation of the stack data structure under `java.util.Stack`.

Example 1:

Input: `str = "{{{}}}"`
Output: False

Example 2:

Input: `str = "{{}}"`
Output: True

-------------Function Template-------------

```java
import java.util.Stack;
public class Lab2 {
    public static void main (String[] args) {
        String str = "{{{}}}";
        boolean ans = isBalanced(str);
        System.out.println("Answer "+ ans); // Should be False
    }

    public static boolean isBalanced(String str){
        Stack<Character> stack = new Stack<Character>();
        // Example of push            stack.push("{");
        // Example of pop             stack.pop()
        // Example of isEmpty        stack.isEmpty()

        // INSERT YOUR CODE HERE
    }
}
```