Lab 1

```java
package Likhitha;
import java.util.Scanner;
public class StringAnalysis {

    public static void main(String[] args) {

        Scanner scanner = new Scanner(System.in);

        System.out.print("Enter a string: ");
        String inputString = scanner.nextLine();

        // Count characters
        int alphabets = 0;
        int digits = 0;
        int symbols = 0;
        int spaces = 0;

        for (int i = 0; i < inputString.length(); i++) {
            char c = inputString.charAt(i);

            if (Character.isLetter(c)) {
                alphabets++;
            } else if (Character.isDigit(c)) {
                digits++;
            } else if (Character.isWhitespace(c)) {
                spaces++;
            } else {
                symbols++;
            }
        }

        // Count words
        String[] words = inputString.split("\\s+");
        int wordCount = words.length;

        System.out.println("Count: " + inputString.length());
        System.out.println("Alphabets: " + alphabets);
        System.out.println("Digits: " + digits);
        System.out.println("Symbols: " + symbols);
        System.out.println("Spaces: " + spaces);
        System.out.println("Words: " + wordCount);

    }
}
```

Output:
```
Enter a string: java18 is robust language.
Count: 26
Alphabets: 20
Digits: 2
Symbols: 1
Spaces: 3
Words: 4
```

Lab 2:

```java
package Likhitha;
import java.util.Scanner;
public class UserLogin {

    public static void main(String[] args) {
        Scanner sc = new Scanner(System.in);
        String id,pwd,ID,PWD;
        id="AFG123";
        pwd="STU@123";
        System.out.println("Enter your Id");
        ID=sc.next();
        System.out.println("Enter your password");
        PWD=sc.next();
        if(id.equalsIgnoreCase(ID)&pwd.equalsIgnoreCase(PWD))
            System.out.println("Login Successfully!");
        else
            System.out.println("Invalid user ID and password. Login
failed!! ");


    }

}
```

Output:

```
Enter your Id
AFG123
Enter your password
STU@123
Login Successfully!
```