**Assisted Practice: 2.6 Strings**

* Create a Java project in your IDE
* Write a Java program to create strings and convert them into StringBuffer and StringBuilder

This lab has three subsections, namely:

* + 1. Writing a program in Java to verify implementations of strings, StringBuffer, and StringBuilder
    2. Executing the program and verifying working of strings
    3. Pushing the code to your GitHub repositories

**Step 2.6.1:** Writing a program in Java to verify implementations strings, StringBuffer, and StringBuilder

public class stringDemo {

public static void main(String[] args) {

**//methods of strings**

System.*out*.println("Methods of Strings");

String sl=new String("Lingala Lakshmi");

System.*out*.println(sl.length());

**//String Comparison**

String s1="Lucky";

String s2="Lacky";

System.***out***.println(s1.compareTo(s2));

**//IsEmpty**

String s4="";

System.***out***.println(s4.isEmpty());

//**toLowerCase**

String s5="Lakshmi";

System.***out***.println(s1.toLowerCase());

**//replace**

String s6="Lacky";

String replace=s2.replace('a', 'u');

System.***out***.println(replace);

**//equals**

String x="Lakshmi”:

String y="LaKshMi";

System.***out***.println(x.equals(y));

**//Creating StringBuffer and append method**

StringBuffer s=**new** StringBuffer("Welcome to Java!");

s.append("Enjoy your learning");

System.***out***.println(s);

**//insert method**

s.insert(0, 'w');

System.***out***.println(s);

**Output:**

Methos of Strings

15

1

True

Lakshmi

Lucky

false

creating StringBuffer

Welcome to Java!/ Enjoy your learning