

Write a program to create strings and display the conversion of string to StringBuffer and StringBuilder.

1. Methods of string

```
1 package stri;
2
3 public class stringMethods {
4
5     public static void main(String[] args) {
6         System.out.println("Methods of Strings");
7         System.out.println("-----");
8
9         String s1="Hello";
10        System.out.println("length of string is : "+s1.length());
11        String s2="Hello";
12        System.out.println("substring of string is : " +s2.substring(2));
13        String s3="";
14        System.out.println("string is Empty or not : " +s3.isEmpty());
15        String s4="HELLO WORLD";
16        System.out.println("lowercase of string is : " +s4.toLowerCase());
17        String s5="hello world";
18        System.out.println("uppercase of string is : " +s4.toUpperCase());
19
20    }
21 }
22
23 }
24
```

Problems Javadoc Declaration Console X

<terminated> stringMethods [Java Application] C:\Users\hp\.p2\pool\plugins\org.eclipse.justj.openjdk.hotspot.jre.full.win32.x86_64_17.0.7.v20230425-1502\jre\bin\j

Methods of Strings

length of string is : 5
substring of string is : llo
string is Empty or not : true
lowercase of string is : hello world
uppercase of string is : HELLO WORLD

2. String Builder

```
1 package stri;
2
3 public class stringBuilder {
4
5     public static void main(String[] args) {
6         StringBuilder sb=new StringBuilder("Javaprogram ");
7         sb.append("Hello Welcome to Java World"); //append() method
8         System.out.println(sb);
9
10        StringBuilder sb1=new StringBuilder("Java ");
11        sb1.insert(2,"hey");
12        System.out.println(sb1); //insert() method
13
14        StringBuilder sb2=new StringBuilder("Welcome");
15        sb2.replace(1,3,"ram");
16        System.out.println(sb2); //replace() method
17
18        StringBuilder sb3=new StringBuilder("Hello");
19        sb3.delete(1,3);
20        System.out.println(sb3); //delete() method
21        System.out.println("-----");
22        // Conversion of string to stringBuilder
23        String str = "Hi";
24        StringBuilder sb4 = new StringBuilder(str);
25        sb4.append("Java");
26        System.out.println("Conversion of String to StringBuilder : ");
27        System.out.println(sb4);
28    }
29
30
31
32
33
```

Problems @ Javadoc Declaration Console X

<terminated> stringBuilder [Java Application] C:\Users\hp\.p2\pool\plugins\org.eclipse.justj.openjdk.hotspot.jre.full.win32.x86_64_17.0.7.v20230425-1502\jre\bin\java

Javaprogram Hello Welcome to Java World
Jaheyva
Wramcome
Hlo

Conversion of String to StringBuilder :
HiJava

3. StringBuffer

```

1 package str1;
2
3 public class stringBuffer {
4
5     public static void main(String[] args) {
6         StringBuffer sb=new StringBuffer("Hello ");
7         sb.append("Java");
8         System.out.println(sb); //append() method
9
10        StringBuffer sb1=new StringBuffer("Hello ");
11        sb1.insert(1,"Java");
12        System.out.println(sb1); //insert() method
13
14        StringBuffer sb2=new StringBuffer("Hello ");
15        sb2.replace(1,3,"Java");
16        System.out.println(sb2); //replace() method
17
18        StringBuffer sb3=new StringBuffer("Hello ");
19        sb3.delete(1,3);
20        System.out.println(sb3); //delete() method
21        System.out.println("-----");
22        //Conversion of string to string Buffer
23        String str =" Hi";
24        StringBuffer sb4 = new StringBuffer(str);
25        sb4.reverse();
26        System.out.println("String to StringBuffer");
27        System.out.println(sb4);
28
29    }
30
31 }
32

```

Problems @ Javadoc Declaration Console X

<terminated> stringBuffer [Java Application] C:\Users\hp\.p2\pool\plugins\org.eclipse.justj.openjdk.hotspot.jre.full.win32.x86_64_17.0.7.v20230425-1502

Hello Java
HJavaello
HJavallo
Hlo

String to StringBuffer
iH