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

ALGORITHM

Step 1: Start

Step 2: Create string using String object and display the string

Step 3: Convert string to string buffer using StringBuffer object

Step 4: Convert string to string builder using StringBuilder object

Step 5: Start

SOURCE CODE

```
//creating strings and converting to stringbuffer and stringbuilder

package assistedPracticeProject;


public class Practice_Project8

{

        public static void main(String args[])

        {

                //creating string

                //method 1

                String str=new String("\nWelcome to Java Programming"); //creating string
using "new"

                System.out.println(str);

                //method 2

                String str1="Hello World";

                System.out.println(str1);


                //conversion of string to StringBuffer
```

```java
System.out.println("\n---STRING BUFFER---\n");

//creating stringbuffer object

StringBuffer sb=new StringBuffer();

//appending string

sb.append(str);

System.out.println("CONVERION OF STRING TO STRING BUFFER : "+sb);


//conversion of string to StringBuilder


System.out.println("\n---STRING BUILDER---\n");

//creating string builder

StringBuilder sbb=new StringBuilder();

sbb.append(str1); //adding string

System.out.println("CONVERION OF STRING TO STRING BUILDER :\n"+sbb);

    }
}
```
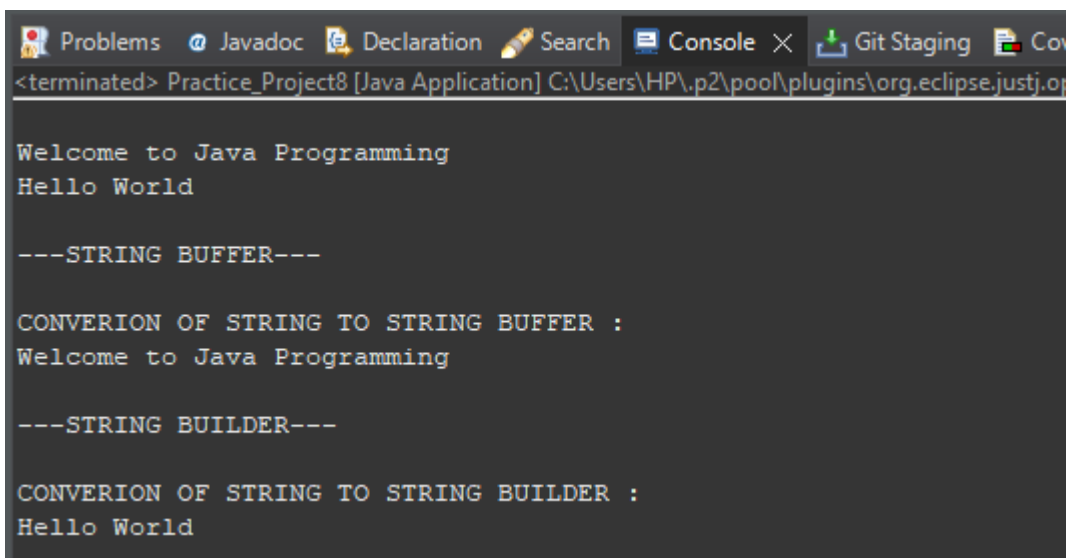
OUTPUT


```
Problems  @ Javadoc  Declaration  Search  Console ×  Git Staging  Co
<terminated> Practice_Project8 [Java Application] C:\Users\HP\.p2\pool\plugins\org.eclipse.justj.o

Welcome to Java Programming
Hello World

---STRING BUFFER---

CONVERION OF STRING TO STRING BUFFER :
Welcome to Java Programming

---STRING BUILDER---

CONVERION OF STRING TO STRING BUILDER :
Hello World
```