

Problem statement: write a program to create strings and display the conversion of string to string buffer and string builder

```
package convert;

public class Convert {

    public static void main(String[] args) {
        // TODO Auto-generated method stub

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

        String s1=new String("Hello");

        System.out.println("length of string "+s1.length());

        String s2="Hello";

        String s23="Heldo";

        System.out.println(s2.equals(s23));

        String s5="Hello";

        System.out.println(s5.toLowerCase());

        System.out.println("Creating StringBuffer");

        StringBuffer s=new StringBuffer("Welcome");

        s.append("All");

        System.out.println(s);

        System.out.println("Creating StringBuilder");

        StringBuilder sb1=new StringBuilder("Hi");

        sb1.append("Java");

        System.out.println(sb1);

        System.out.println("Conversion of Strings to StringBuffer and StringBuilder");

        String str = "Hello";

        StringBuffer sbr = new StringBuffer(str);

        System.out.println("reverse of hello "+ sbr.reverse());

        System.out.println("String to StringBuffer");

        System.out.println(sbr);

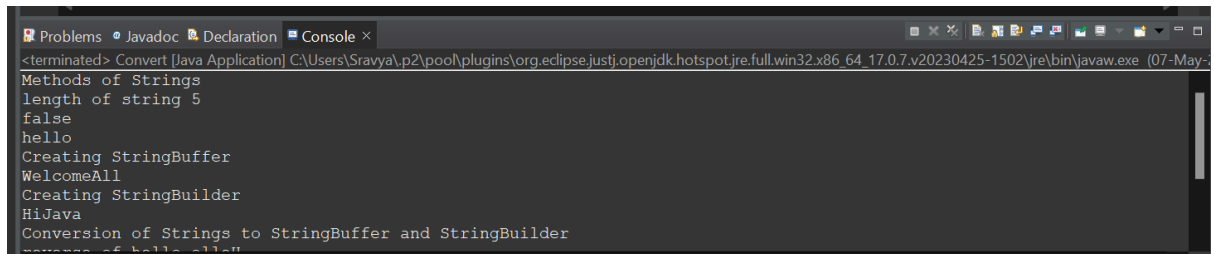
        StringBuilder sbl = new StringBuilder(str);

        sbl.append("world");

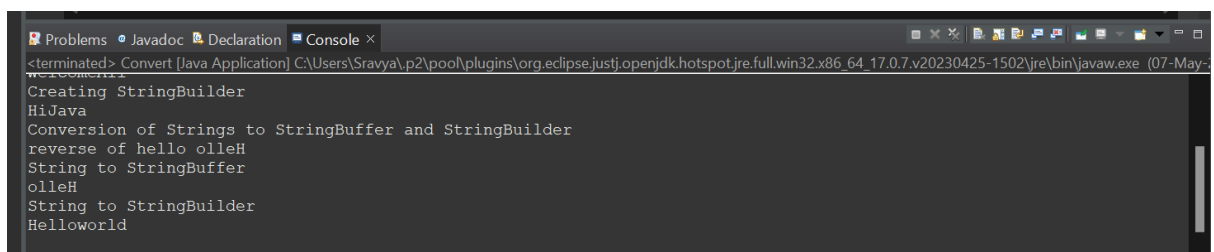
        System.out.println("String to StringBuilder");
```

```
        System.out.println(sbl);  
    }  
}
```

Output:



```
Problems Javadoc Declaration Console x  
<terminated> Convert [Java Application] C:\Users\Sravva\p2\pool\plugins\org.eclipse.justj.openjdk.hotspot.jre.full.win32.x86_64_17.0.7.v20230425-1502\jre\bin\javaw.exe (07-May-2023 10:00:00 AM)  
Methods of Strings  
length of string 5  
false  
hello  
Creating StringBuffer  
WelcomeAll  
Creating StringBuilder  
HiJava  
Conversion of Strings to StringBuffer and StringBuilder  
reverse of hello olleH
```



```
Problems Javadoc Declaration Console x  
<terminated> Convert [Java Application] C:\Users\Sravva\p2\pool\plugins\org.eclipse.justj.openjdk.hotspot.jre.full.win32.x86_64_17.0.7.v20230425-1502\jre\bin\javaw.exe (07-May-2023 10:00:00 AM)  
WelcomeAll  
Creating StringBuffer  
HiJava  
Conversion of Strings to StringBuffer and StringBuilder  
reverse of hello olleH  
String to StringBuffer  
olleH  
String to StringBuilder  
Helloworld
```