

```
lab5.java package-info.java stringbuilder.java X
1 package string;
2 public class stringbuilder{
3
4     public static void main(String[] args) {
5
6         // Create a StringBuilder object with an initial string
7         StringBuilder sb = new StringBuilder("Hello World!");
8
9
10
11
12         // 1. Append: Add text to the end of the StringBuilder
13         sb.append(" Welcome to Java.");
14
15         System.out.println("After append: " + sb.toString());
16
17
18
19
20         // 2. Insert: Insert text at a specific position
21         sb.insert(6, "Java ");
22
23         System.out.println("After insert: " + sb.toString());
24
25
26
27
28         // 3. Replace: Replace part of the StringBuilder with new text
29         sb.replace(0, 5, "Hi");
30
31         System.out.println("After replace: " + sb.toString());
32
33
34
35
36         // 4. Delete: Delete a part of the StringBuilder
37         sb.delete(3, 7); // Deletes characters from index 3 to 6
38
39         System.out.println("After delete: " + sb.toString());
40
41     }
42 }
43
44 }
```

Problems @ Javadoc Declaration Console X

<terminated> stringbuilder [Java Application] D:\java\sts-4.26.0.RELEASE\plugins\org.eclipse.justj.openjdk.hotspot.jre.full.win32.x86_64.21.0.4.v20240802-1551\jre\bin\javaw.exe (06-Nov-2024, 11:11:19 am – 11:11:19 am) [pid: 15864]

After append: Hello World! Welcome to Java.
After insert: Hello Java World! Welcome to Java.
After replace: Hi Java World! Welcome to Java.
After delete: Hi World! Welcome to Java.

