



Package Explorer X

- corejava
 - JRE System Library [JavaSE-21]
 - src
 - array
 - ArrayOperations.java
 - bank
 - BankCustomer.java
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 - employee
 - Employee.java
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EmployeeMain... ShapeAreaCal... ArrayOperati... Student.java BankCustom... X

```
1 package bank;
2
3
4 import java.util.Scanner;
5
6 class BankCustomer {
7     // Instance variables
8     private String acno; // Account Number
9     private String atype; // Account Type (e.g., Savings, Current)
10    private double amt; // Account Balance
11
12    // Method to input customer details
13    public void inputCustomerDetails() {
14        Scanner scanner = new Scanner(System.in);
15
16        // Get Account Number
17        System.out.print("Enter Account Number: ");
18        acno = scanner.nextLine();
19
20        // Get Account Type
21        System.out.print("Enter Account Type (e.g., Savings, Current): ");
22        atype = scanner.nextLine();
23    }
```

Outline X

- bank
 - BankCustomer
 - acno : String
 - atype : String
 - amt : double
 - inputCustomerDetails() : void
 - displayCustomerDetails() : void
 - main(String[]) : void

```
Enter Account Number: 310521106046
Enter Account Type (e.g., Savings, Current): current
Enter Account Balance: 14000
```

```
Customer Details:
Account Number: 310521106046
Account Type: current
Account Balance: 14000.0
```

Type tags, projects, or working set names to match (incl. * and ?)



local

The screenshot shows an IDE with a Java file named `stringbuilder.java` open. The code demonstrates the use of the `StringBuilder` class for string manipulation. The program includes comments for each operation: Append, Insert, Replace, and Delete. The output in the console shows the state of the string after each operation.

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

The console output shows the following sequence of operations and their results:

- 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.