```java
package datatypes;

public class lab3 {

    public static void main(String[] args) {
        // Create an instance of the BankCustomer class
        BankCustomer customer = new BankCustomer(12345, "Savings", 2500.75);

        // Display customer details
        customer.displayCustomerDetails();
    }
}

// Define the BankCustomer class outside of the main method
class BankCustomer {
    // Fields for account number, account type, and amount
    private int acno;
    private String atype;
    private double amt;

    // Constructor to initialize fields
    public BankCustomer(int acno, String atype, double amt) {
        this.acno = acno;
        this.atype = atype;
        this.amt = amt;
    }

    // Method to display customer details
    public void displayCustomerDetails() {
        System.out.println("Account Number: " + acno);
```

Console

```
<terminated> lab3 [Java Application] C:\Users\ELCOT\Desktop\sts-4.26.0.RELEASE\plugins\org.eclipse.justj.openjdk.hotspot.jre.full.win32.x86_64_21.0.4.v2
Account Number: 12345
Account Type: Savings
Amount: 2500.75
```

package-info.java   **patterns.java** ×   **pattern.java**

```java
1   package labs05;
2
3   public class patterns {
4
5       public static void main(String[] args) {
6           // TODO Auto-generated method stub
7           int columns = 5;
8           for (int i = columns; i >= 1; i--) {
9               for (int j = 1; j <= i; j++) {
10                  System.out.print("*");
11              }
12              System.out.println();
13          }
14      }
15
16
17  }
18
19
20
```

Outline ×

- labs05
  - patterns
    - main(String[]) : void

Problems   Javadoc   Declaration   Console ×

<terminated> patterns [Java Application] C:\Users\ELCOT\Desktop\sts-4.26.0.RELEASE\plugins\org.eclipse.justj.openjdk.hotspot.jre.full.win32.x86_64_21.0.

```
*****
****
***
**
*
```

string.java ×

```java
1  package stringbuilder;
2
3  public class string {
4
5      public static void main(String[] args) {
6
7          StringBuilder sb = new StringBuilder("Hello");
8          sb.append(" World");
9          System.out.println("After append: " + sb);
10
11
12         sb.insert(6, "Java ");
13         System.out.println("After insert: " + sb);
14
15
16         sb.replace(6, 10, "Python");
17         System.out.println("After replace: " + sb);
18
19
20         sb.delete(6, 12);
21         System.out.println("After delete: " + sb);
22     }
23  }
24
```

Problems ● Javadoc 🔍 Declaration 🖳 Console ×

```
After append: Hello World
After insert: Hello Java World
After replace: Hello Python World
After delete: Hello  World
```