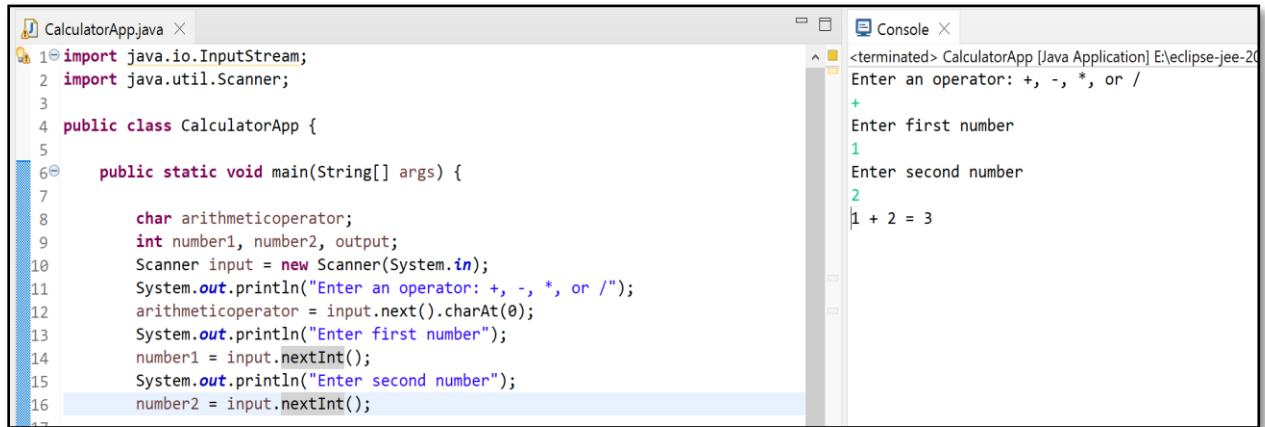


## Calculator App Execution Screenshots

### 1. Addition

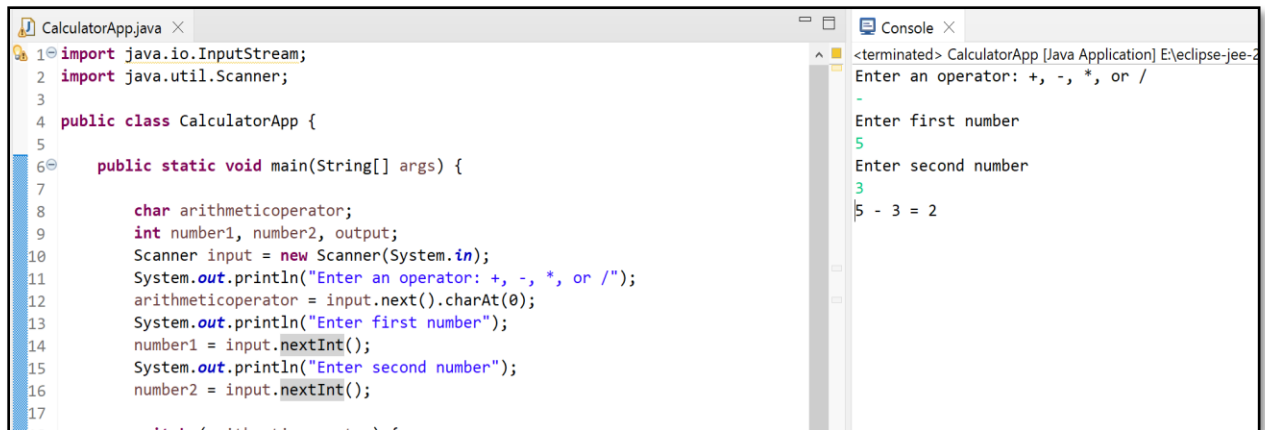


The screenshot shows the Eclipse IDE with the `CalculatorApp.java` file open. The code defines a `main` method that prompts the user for an operator and two numbers. The console output shows the user entering `+`, `1`, and `2`, resulting in the calculation `1 + 2 = 3`.

```
CalculatorApp.java
1 import java.io.InputStream;
2 import java.util.Scanner;
3
4 public class CalculatorApp {
5
6     public static void main(String[] args) {
7
8         char arithmeticoperator;
9         int number1, number2, output;
10        Scanner input = new Scanner(System.in);
11        System.out.println("Enter an operator: +, -, *, or /");
12        arithmeticoperator = input.next().charAt(0);
13        System.out.println("Enter first number");
14        number1 = input.nextInt();
15        System.out.println("Enter second number");
16        number2 = input.nextInt();
17    }
18 }
```

```
Console
<terminated> CalculatorApp [Java Application] E:\eclipse-jee-20
Enter an operator: +, -, *, or /
+
Enter first number
1
Enter second number
2
1 + 2 = 3
```

### 2. Subtraction

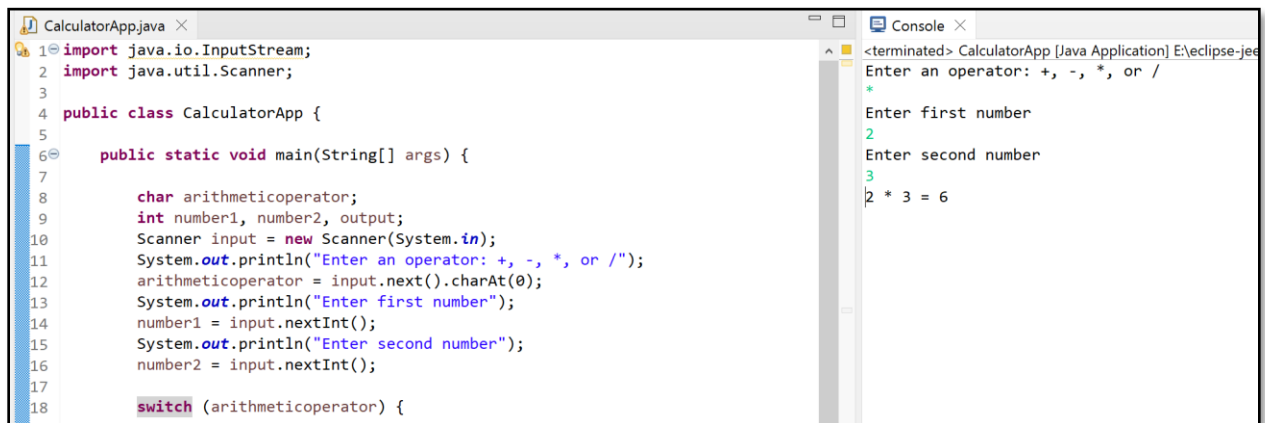


The screenshot shows the Eclipse IDE with the `CalculatorApp.java` file open. The code defines a `main` method that prompts the user for an operator and two numbers. The console output shows the user entering `-`, `5`, and `3`, resulting in the calculation `5 - 3 = 2`.

```
CalculatorApp.java
1 import java.io.InputStream;
2 import java.util.Scanner;
3
4 public class CalculatorApp {
5
6     public static void main(String[] args) {
7
8         char arithmeticoperator;
9         int number1, number2, output;
10        Scanner input = new Scanner(System.in);
11        System.out.println("Enter an operator: +, -, *, or /");
12        arithmeticoperator = input.next().charAt(0);
13        System.out.println("Enter first number");
14        number1 = input.nextInt();
15        System.out.println("Enter second number");
16        number2 = input.nextInt();
17    }
18 }
```

```
Console
<terminated> CalculatorApp [Java Application] E:\eclipse-jee-20
Enter an operator: +, -, *, or /
-
Enter first number
5
Enter second number
3
5 - 3 = 2
```

### 3. Multiplication

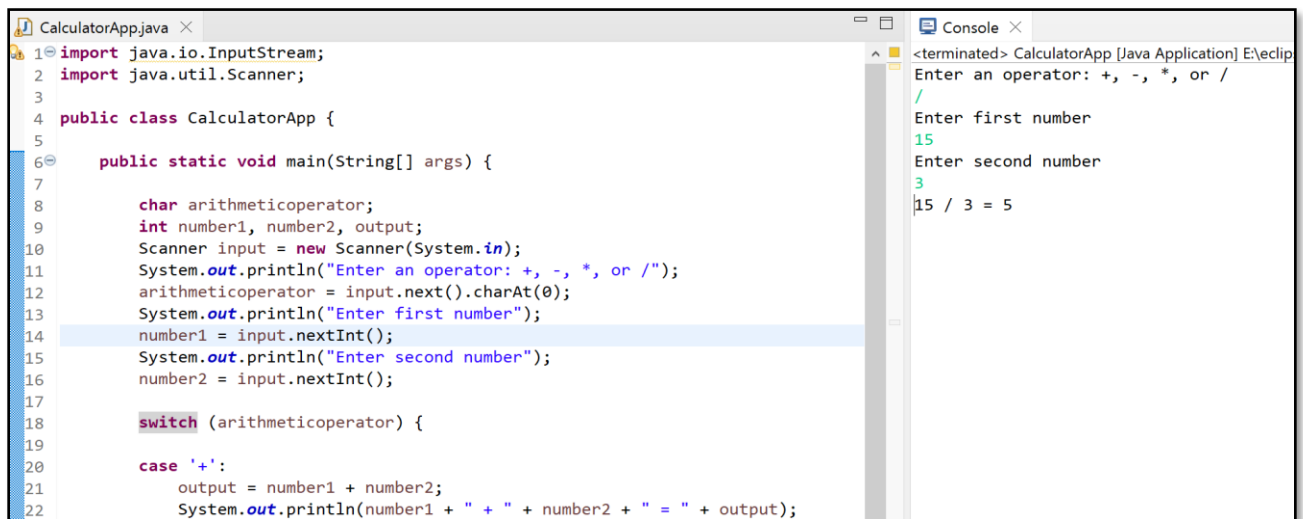


The screenshot shows the Eclipse IDE with the `CalculatorApp.java` file open. The code defines a `main` method that prompts the user for an operator and two numbers. The console output shows the user entering `*`, `2`, and `3`, resulting in the calculation `2 * 3 = 6`.

```
CalculatorApp.java
1 import java.io.InputStream;
2 import java.util.Scanner;
3
4 public class CalculatorApp {
5
6     public static void main(String[] args) {
7
8         char arithmeticoperator;
9         int number1, number2, output;
10        Scanner input = new Scanner(System.in);
11        System.out.println("Enter an operator: +, -, *, or /");
12        arithmeticoperator = input.next().charAt(0);
13        System.out.println("Enter first number");
14        number1 = input.nextInt();
15        System.out.println("Enter second number");
16        number2 = input.nextInt();
17    }
18 }
```

```
Console
<terminated> CalculatorApp [Java Application] E:\eclipse-jee-20
Enter an operator: +, -, *, or /
*
Enter first number
2
Enter second number
3
2 * 3 = 6
```

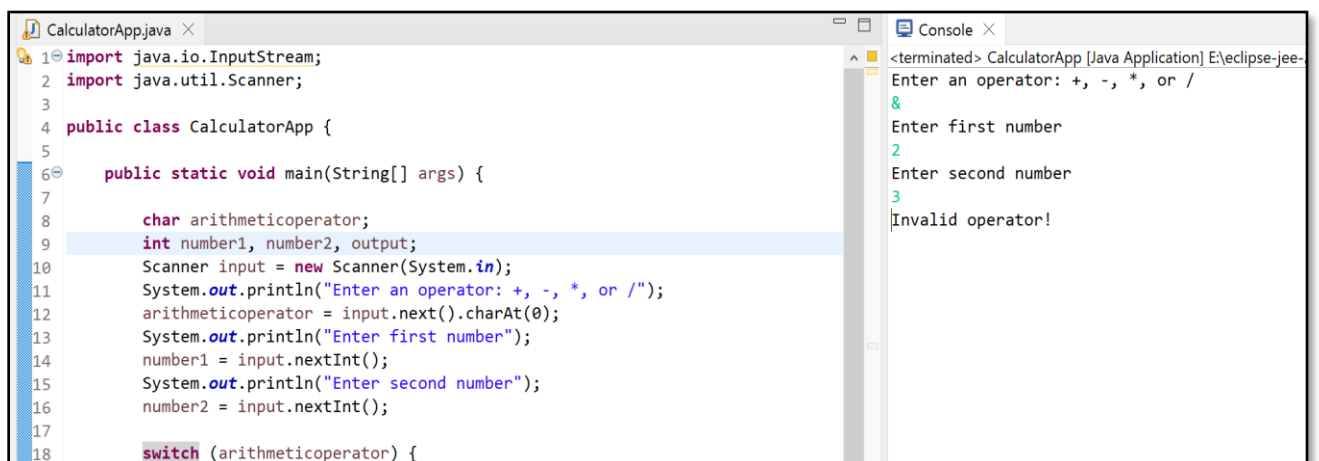
#### 4. Division



```
CalculatorApp.java ×
1 import java.io.InputStream;
2 import java.util.Scanner;
3
4 public class CalculatorApp {
5
6     public static void main(String[] args) {
7
8         char arithmeticoperator;
9         int number1, number2, output;
10        Scanner input = new Scanner(System.in);
11        System.out.println("Enter an operator: +, -, *, or /");
12        arithmeticoperator = input.next().charAt(0);
13        System.out.println("Enter first number");
14        number1 = input.nextInt();
15        System.out.println("Enter second number");
16        number2 = input.nextInt();
17
18        switch (arithmeticoperator) {
19
20            case '+':
21                output = number1 + number2;
22                System.out.println(number1 + " + " + number2 + " = " + output);
```

```
<terminated> CalculatorApp [Java Application] E:\eclip-
Enter an operator: +, -, *, or /
/
Enter first number
15
Enter second number
3
15 / 3 = 5
```

#### 5. Invalid Operator



```
CalculatorApp.java ×
1 import java.io.InputStream;
2 import java.util.Scanner;
3
4 public class CalculatorApp {
5
6     public static void main(String[] args) {
7
8         char arithmeticoperator;
9         int number1, number2, output;
10        Scanner input = new Scanner(System.in);
11        System.out.println("Enter an operator: +, -, *, or /");
12        arithmeticoperator = input.next().charAt(0);
13        System.out.println("Enter first number");
14        number1 = input.nextInt();
15        System.out.println("Enter second number");
16        number2 = input.nextInt();
17
18        switch (arithmeticoperator) {
```

```
<terminated> CalculatorApp [Java Application] E:\eclipse-jee-
Enter an operator: +, -, *, or /
&
Enter first number
2
Enter second number
3
Invalid operator!
```