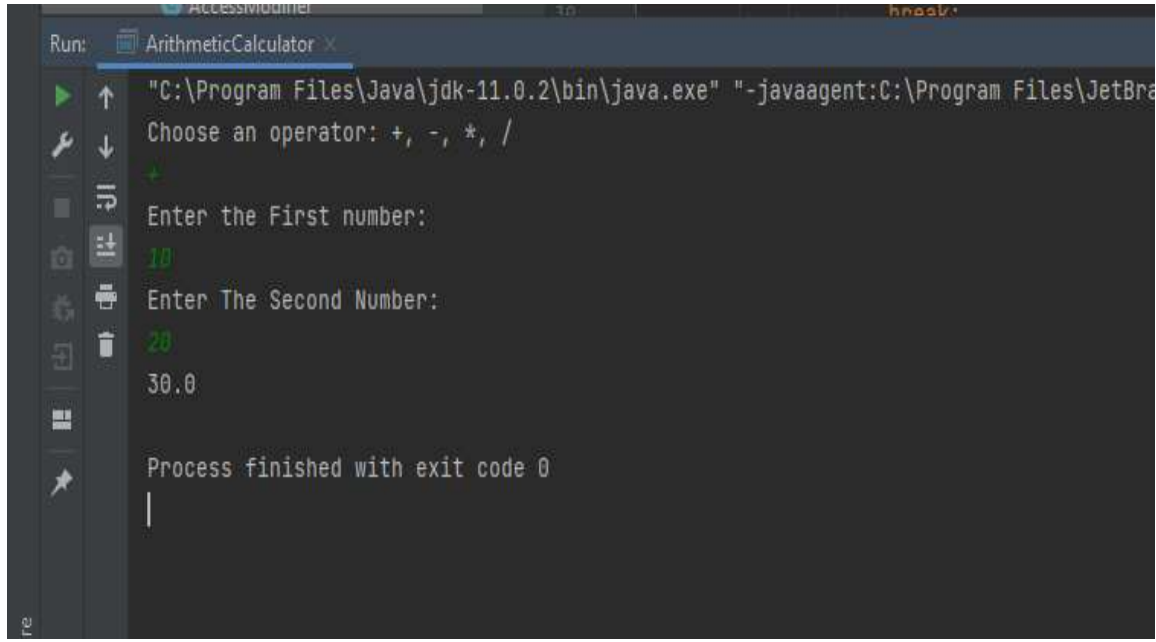


OUTPUT:

For Addition:

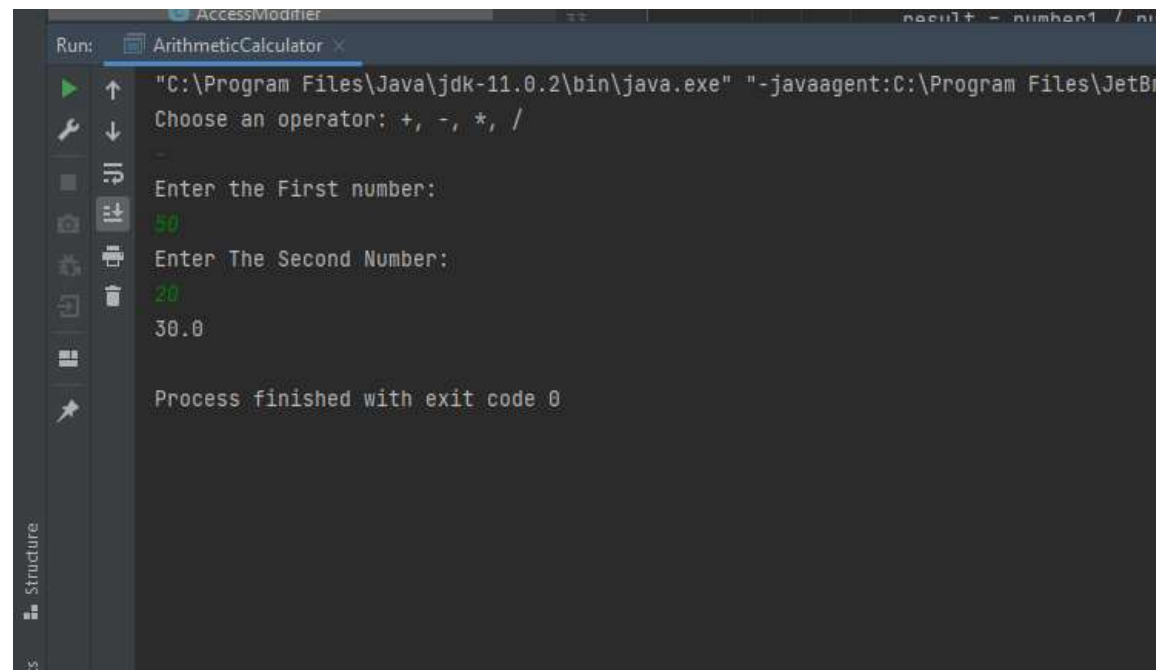


The screenshot shows an IDE console window titled "Run: ArithmeticCalculator X". The command executed is `"C:\Program Files\Java\jdk-11.0.2\bin\java.exe" "-javaagent:C:\Program Files\JetBr"`. The program prompts the user to "Choose an operator: +, -, *, /", where the '+' operator is entered. It then prompts for "Enter the First number:", with '10' entered, and "Enter The Second Number:", with '20' entered. The output shows the result '30.0'. The console concludes with "Process finished with exit code 0".

```
Run: ArithmeticCalculator X
"C:\Program Files\Java\jdk-11.0.2\bin\java.exe" "-javaagent:C:\Program Files\JetBr
Choose an operator: +, -, *, /
+
Enter the First number:
10
Enter The Second Number:
20
30.0

Process finished with exit code 0
```

For Subtraction:

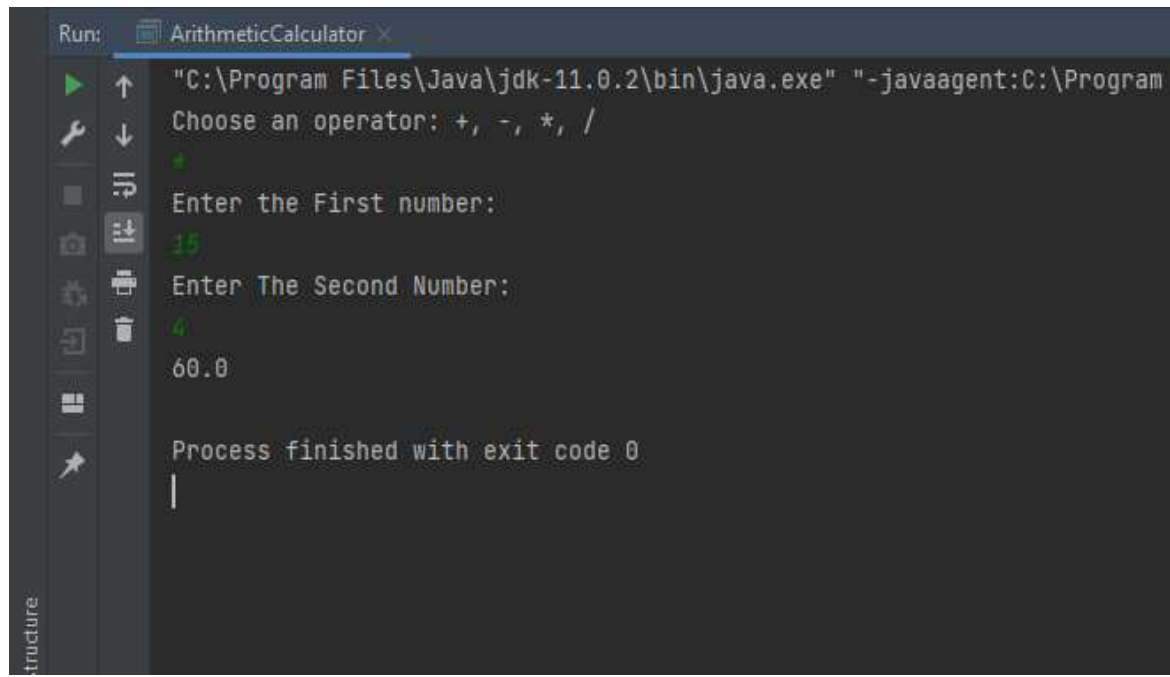


The screenshot shows an IDE console window titled "Run: ArithmeticCalculator X". The command executed is `"C:\Program Files\Java\jdk-11.0.2\bin\java.exe" "-javaagent:C:\Program Files\JetBr"`. The program prompts the user to "Choose an operator: +, -, *, /", where the '-' operator is entered. It then prompts for "Enter the First number:", with '50' entered, and "Enter The Second Number:", with '20' entered. The output shows the result '30.0'. The console concludes with "Process finished with exit code 0".

```
Run: ArithmeticCalculator X
"C:\Program Files\Java\jdk-11.0.2\bin\java.exe" "-javaagent:C:\Program Files\JetBr
Choose an operator: +, -, *, /
-
Enter the First number:
50
Enter The Second Number:
20
30.0

Process finished with exit code 0
```

For Multiplication:

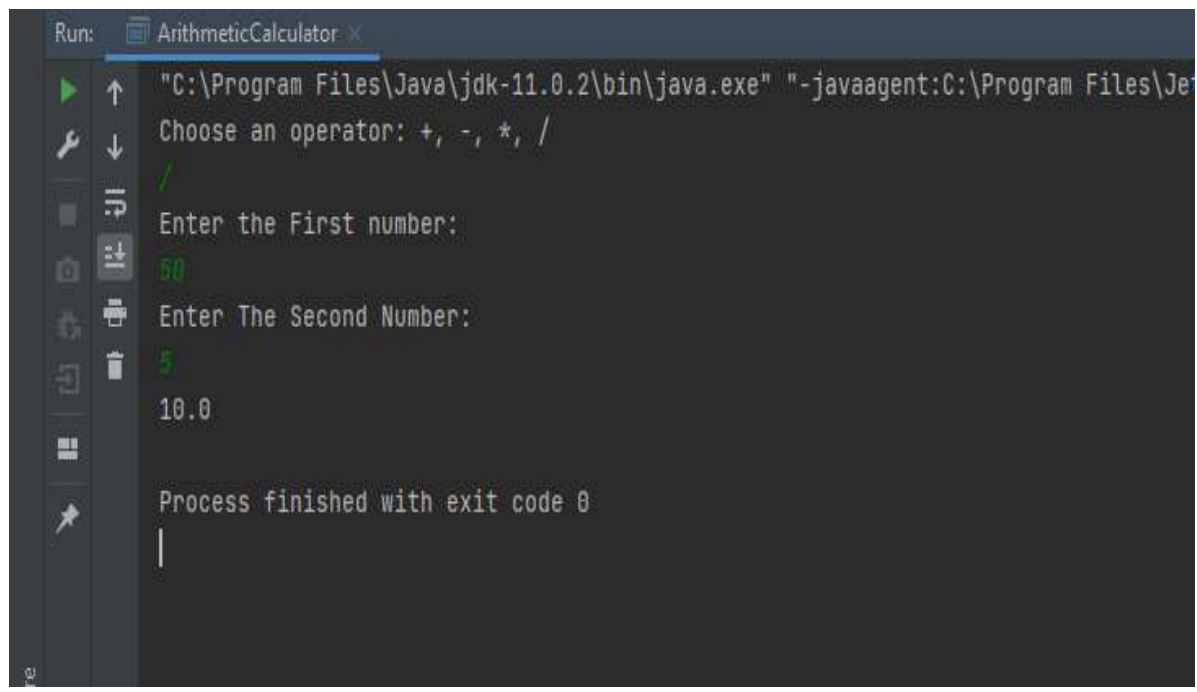


The screenshot shows an IDE console window titled "Run: ArithmeticCalculator x". The command executed is `"C:\Program Files\Java\jdk-11.0.2\bin\java.exe" "-javaagent:C:\Program Files\Java\jre-11.0.2\bin\javaagent.jar" "ArithmeticCalculator.java"`. The program prompts the user to "Choose an operator: +, -, *, /". The user enters `*`. The program then prompts "Enter the First number:" and the user enters `15`. Next, it prompts "Enter The Second Number:" and the user enters `4`. The output shows the result `60.0`. Finally, the message "Process finished with exit code 0" is displayed.

```
Run: ArithmeticCalculator x
"C:\Program Files\Java\jdk-11.0.2\bin\java.exe" "-javaagent:C:\Program Files\Java\jre-11.0.2\bin\javaagent.jar" "ArithmeticCalculator.java"
Choose an operator: +, -, *, /
*
Enter the First number:
15
Enter The Second Number:
4
60.0

Process finished with exit code 0
```

For Division:

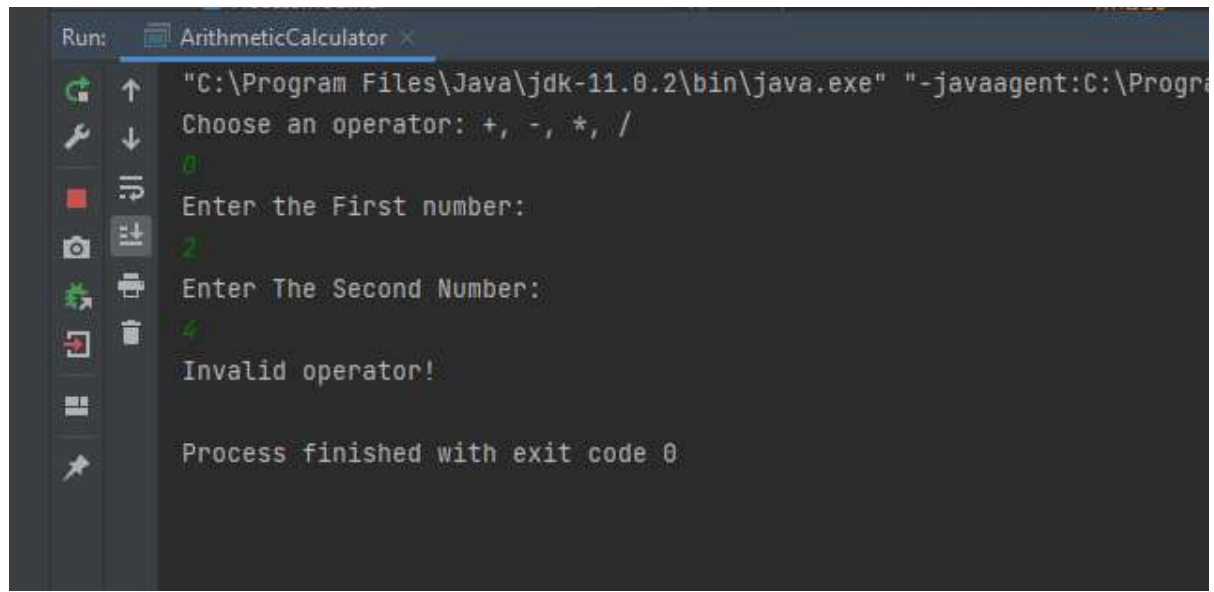


The screenshot shows an IDE console window titled "Run: ArithmeticCalculator x". The command executed is `"C:\Program Files\Java\jdk-11.0.2\bin\java.exe" "-javaagent:C:\Program Files\Java\jre-11.0.2\bin\javaagent.jar" "ArithmeticCalculator.java"`. The program prompts the user to "Choose an operator: +, -, *, /". The user enters `/`. The program then prompts "Enter the First number:" and the user enters `50`. Next, it prompts "Enter The Second Number:" and the user enters `5`. The output shows the result `10.0`. Finally, the message "Process finished with exit code 0" is displayed.

```
Run: ArithmeticCalculator x
"C:\Program Files\Java\jdk-11.0.2\bin\java.exe" "-javaagent:C:\Program Files\Java\jre-11.0.2\bin\javaagent.jar" "ArithmeticCalculator.java"
Choose an operator: +, -, *, /
/
Enter the First number:
50
Enter The Second Number:
5
10.0

Process finished with exit code 0
```

For Default:



```
Run: ArithmeticCalculator X
"C:\Program Files\Java\jdk-11.0.2\bin\java.exe" "-javaagent:C:\Progra
Choose an operator: +, -, *, /
0
Enter the First number:
2
Enter The Second Number:
4
Invalid operator!

Process finished with exit code 0
```