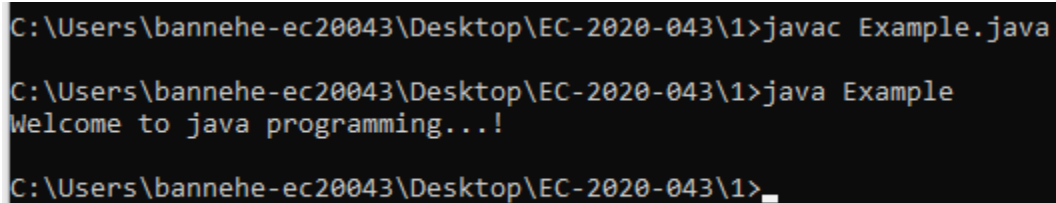


1.

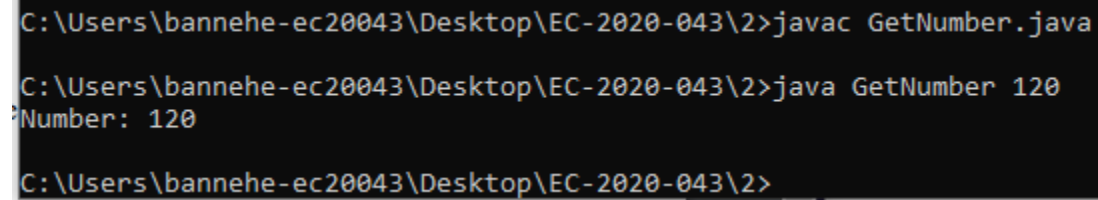
```
public class Example {  
    public static void main(String[] args){  
        System.out.println("Welcome to java programming...!");  
    }  
}
```



```
C:\Users\bannehe-ec20043\Desktop\EC-2020-043\1>javac Example.java  
C:\Users\bannehe-ec20043\Desktop\EC-2020-043\1>java Example  
Welcome to java programming...!  
C:\Users\bannehe-ec20043\Desktop\EC-2020-043\1>_
```

2.

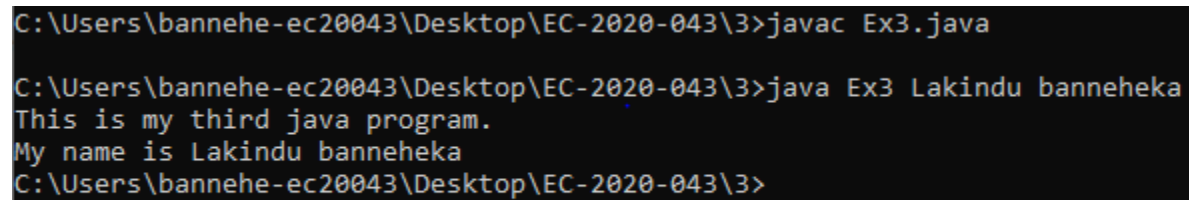
```
public class GetNumber {  
    public static void main(String[] args) {  
        int a = Integer.parseInt(args[0]);  
        System.out.println("Number: " + a);  
    }  
}
```



```
C:\Users\bannehe-ec20043\Desktop\EC-2020-043\2>javac GetNumber.java  
C:\Users\bannehe-ec20043\Desktop\EC-2020-043\2>java GetNumber 120  
Number: 120  
C:\Users\bannehe-ec20043\Desktop\EC-2020-043\2>
```

3.

```
public class Ex3 {  
    public static void main(String args[]) {  
        System.out.println("This is my third java program.");  
        System.out.print("My name is ");  
        for(int i = 0; args.length > i; i++) {  
            System.out.print(args[i] + " ");  
        }  
    }  
}
```



```
C:\Users\bannehe-ec20043\Desktop\EC-2020-043\3>javac Ex3.java  
C:\Users\bannehe-ec20043\Desktop\EC-2020-043\3>java Ex3 Lakindu banneheka  
This is my third java program.  
My name is Lakindu banneheka  
C:\Users\bannehe-ec20043\Desktop\EC-2020-043\3>
```

4.

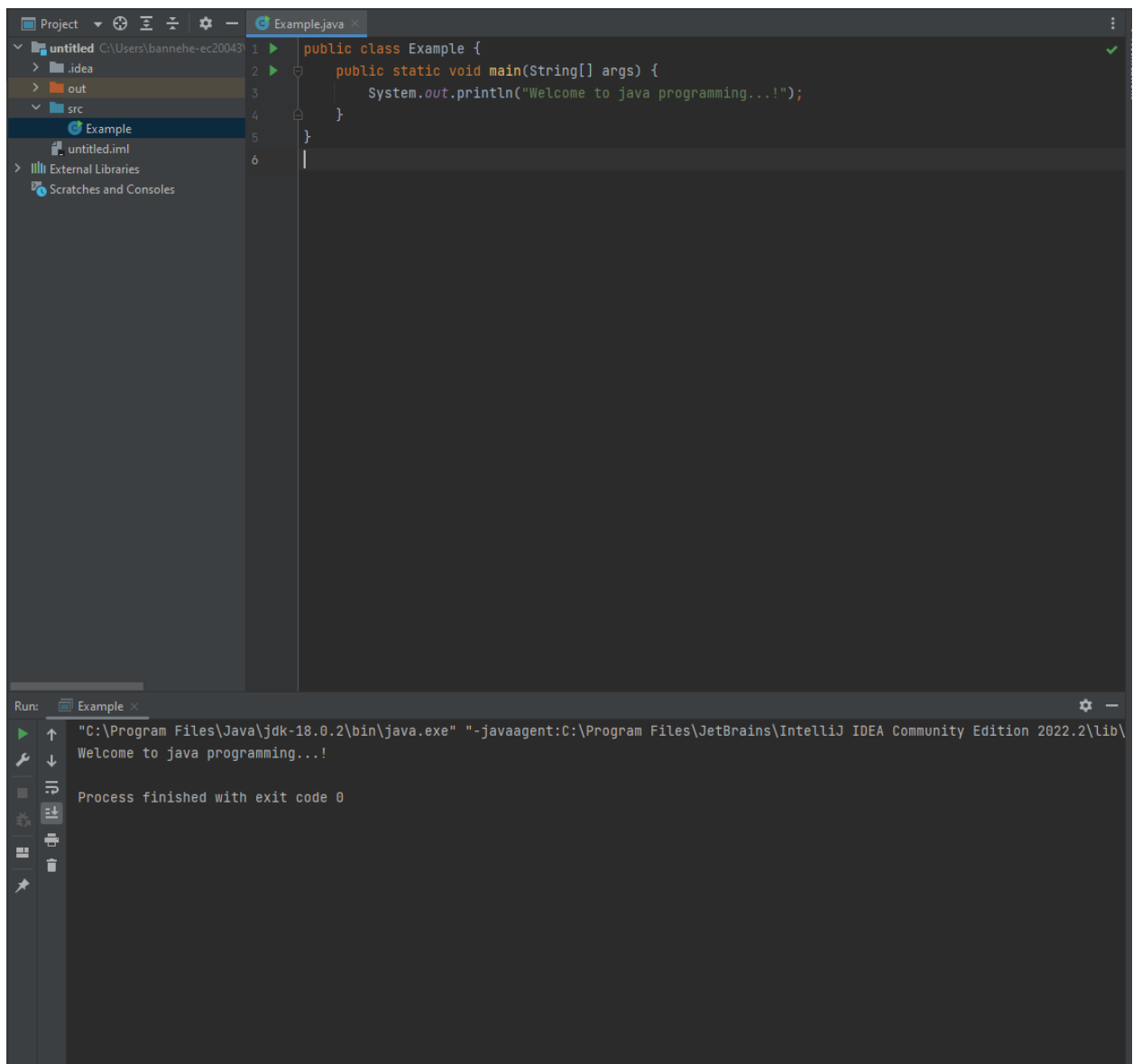
```
public class Ex4 {  
    public static void main(String args[]) {  
        for(int i = 0; args.length > i; i++) {  
            System.out.print(args[i] + " ");  
        }  
    }  
}
```

```
C:\Users\bannehe-ec20043\Desktop\EC-2020-043\4>javac Ex4.java

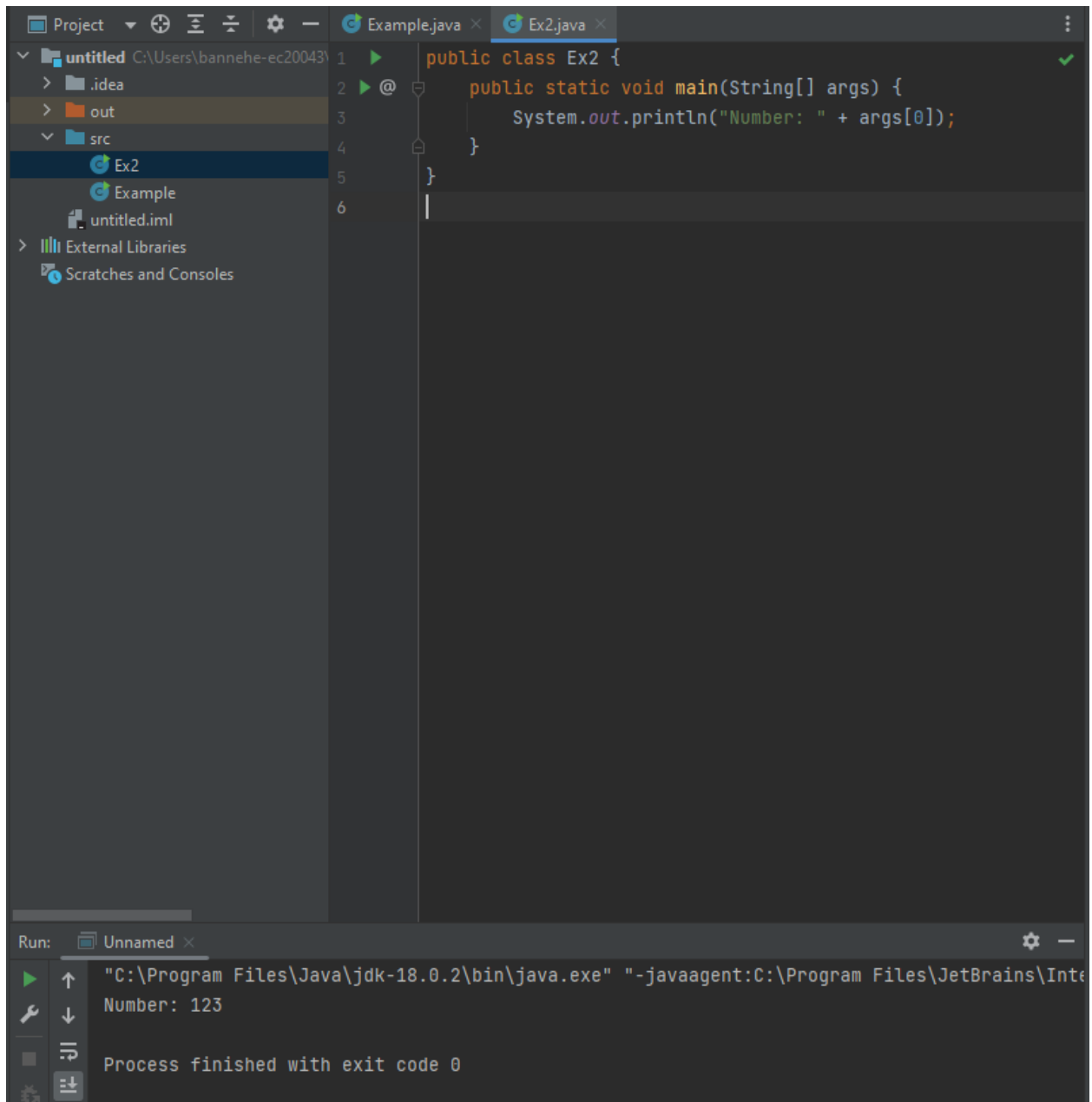
C:\Users\bannehe-ec20043\Desktop\EC-2020-043\4>java Ex4 This is a sentence.
This is a sentence.
C:\Users\bannehe-ec20043\Desktop\EC-2020-043\4>
```

5.

EX1



Ex2

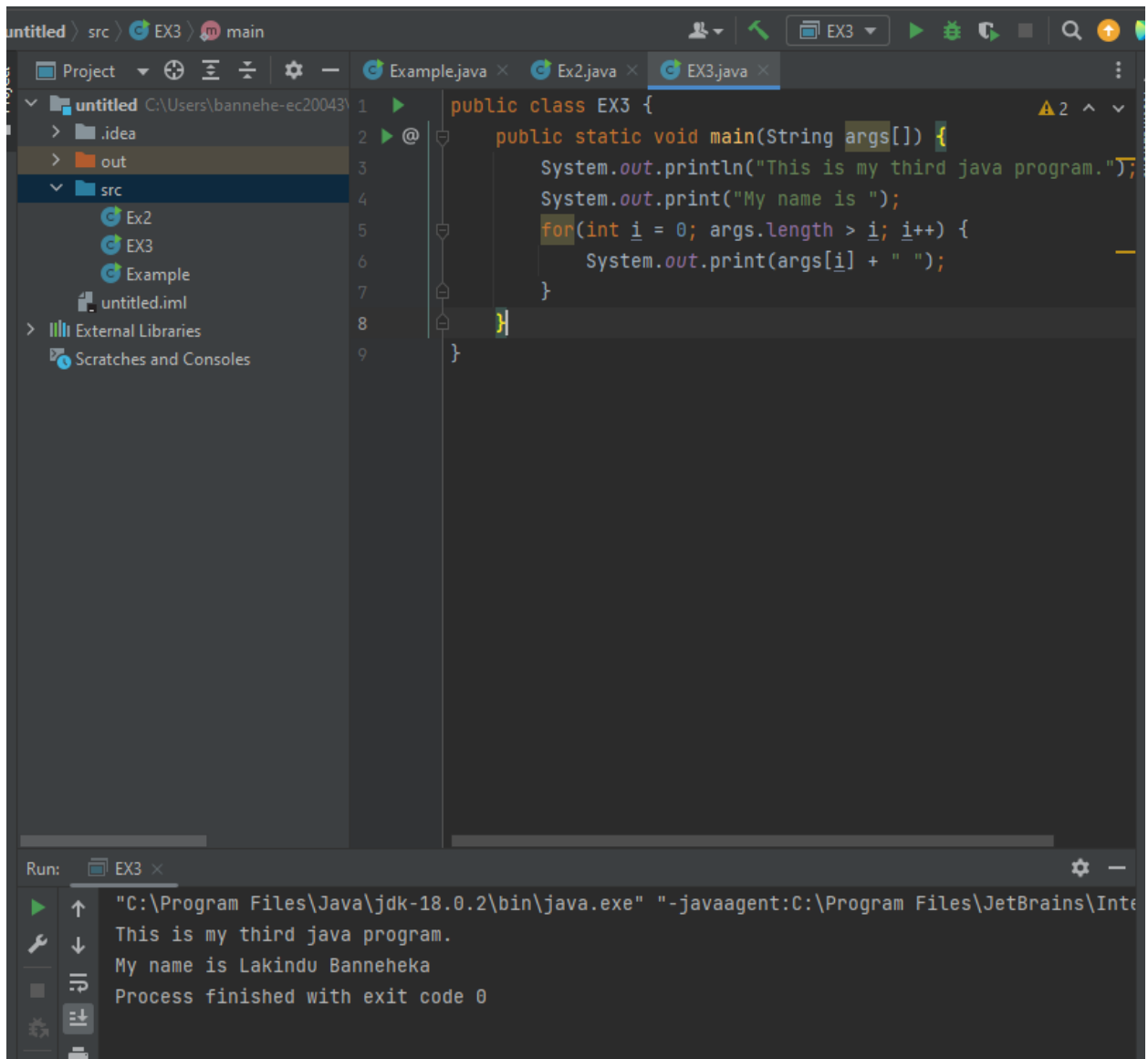


The screenshot shows an IDE with a project named 'untitled' located at 'C:\Users\bannehe-ec20043\'. The project structure includes a 'src' folder containing 'Ex2' and 'Example' files, and an 'untitled.iml' file. The 'Ex2.java' file is open, showing the following code:

```
1 public class Ex2 {  
2     public static void main(String[] args) {  
3         System.out.println("Number: " + args[0]);  
4     }  
5 }  
6
```

The code is compiled and executed. The output window shows the command: `"C:\Program Files\Java\jdk-18.0.2\bin\java.exe" "-javaagent:C:\Program Files\JetBrains\IntelliJ IDEA\bin\idea-agent.jar" -classpath C:\Users\bannehe-ec20043\src\Ex2.class Number: 123`. The output is `Number: 123`. The process finished with exit code 0.

EX3



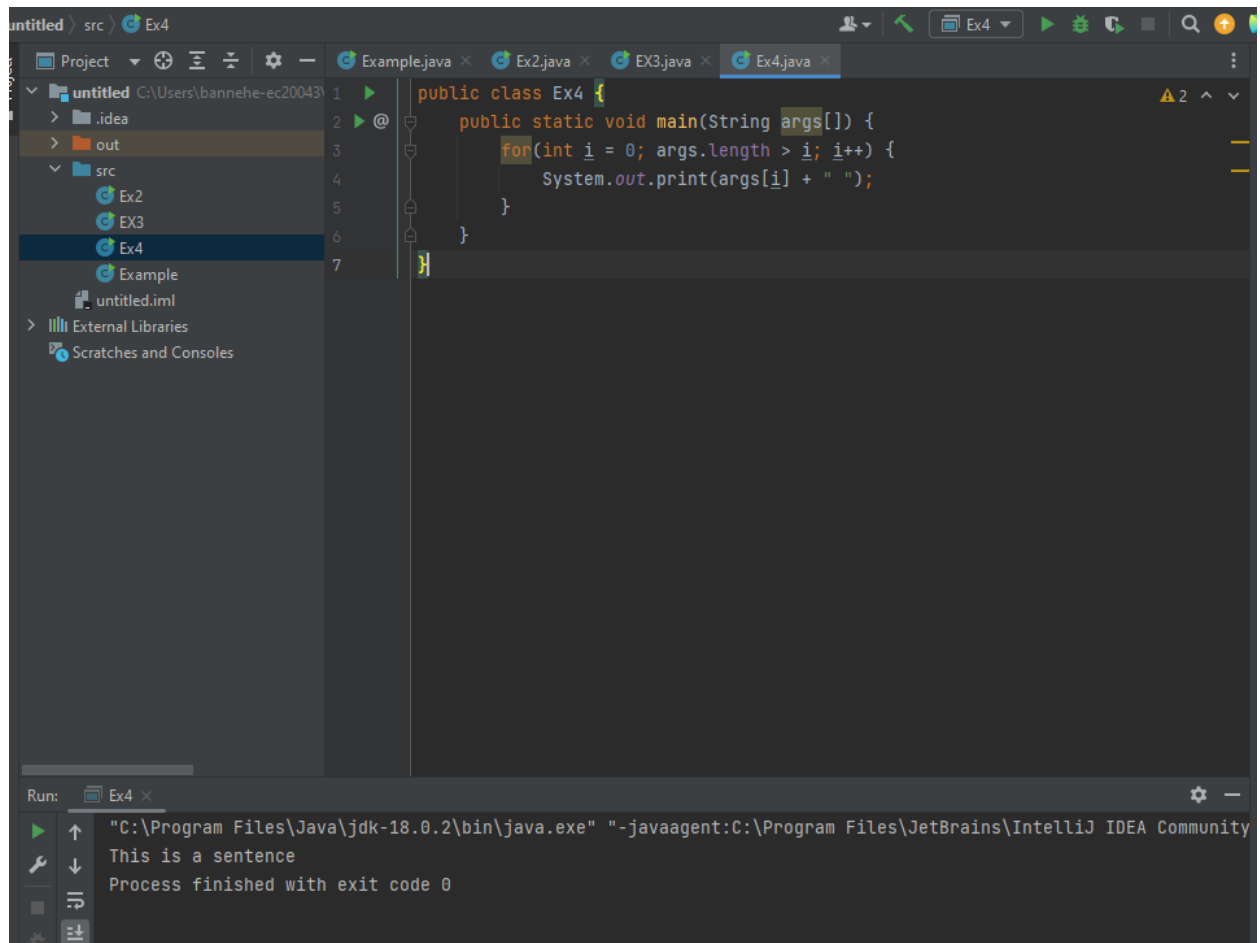
The screenshot displays an IDE interface with a project named 'untitled' located at 'C:\Users\bannehe-ec20043'. The project structure includes folders for '.idea', 'out', and 'src'. The 'src' folder contains files 'Ex2', 'EX3', and 'Example', along with 'untitled.iml'. The 'EX3.java' file is open in the editor, showing the following code:

```
1 public class EX3 {  
2     @  
3     public static void main(String args[]) {  
4         System.out.println("This is my third java program.");  
5         System.out.print("My name is ");  
6         for(int i = 0; args.length > i; i++) {  
7             System.out.print(args[i] + " ");  
8         }  
9     }  
}
```

The 'Run' tab at the bottom shows the execution command: `"C:\Program Files\Java\jdk-18.0.2\bin\java.exe" "-javaagent:C:\Program Files\JetBrains\IntelliJ IDEA\bin\idea-agent.jar" -classpath C:\Users\bannehe-ec20043\untitled\out EX3`. The output of the program is:

```
This is my third java program.  
My name is Lakindu Banneheka  
Process finished with exit code 0
```

Ex4



The screenshot displays the IntelliJ IDEA IDE interface. The left sidebar shows a project structure with a folder named 'src' containing files 'Ex2', 'EX3', and 'Ex4'. The 'Ex4' file is selected. The main editor window shows the following Java code:

```
1 public class Ex4 {  
2     public static void main(String args[]) {  
3         for(int i = 0; args.length > i; i++) {  
4             System.out.print(args[i] + " ");  
5         }  
6     }  
7 }
```

Below the code editor, the 'Run' tab is active, showing the command executed: `"C:\Program Files\Java\jdk-18.0.2\bin\java.exe" "-javaagent:C:\Program Files\JetBrains\IntelliJ IDEA Community`. The output of the program is displayed as: `This is a sentence`, followed by the message `Process finished with exit code 0`.