

Passing Command line arguments using TextPad



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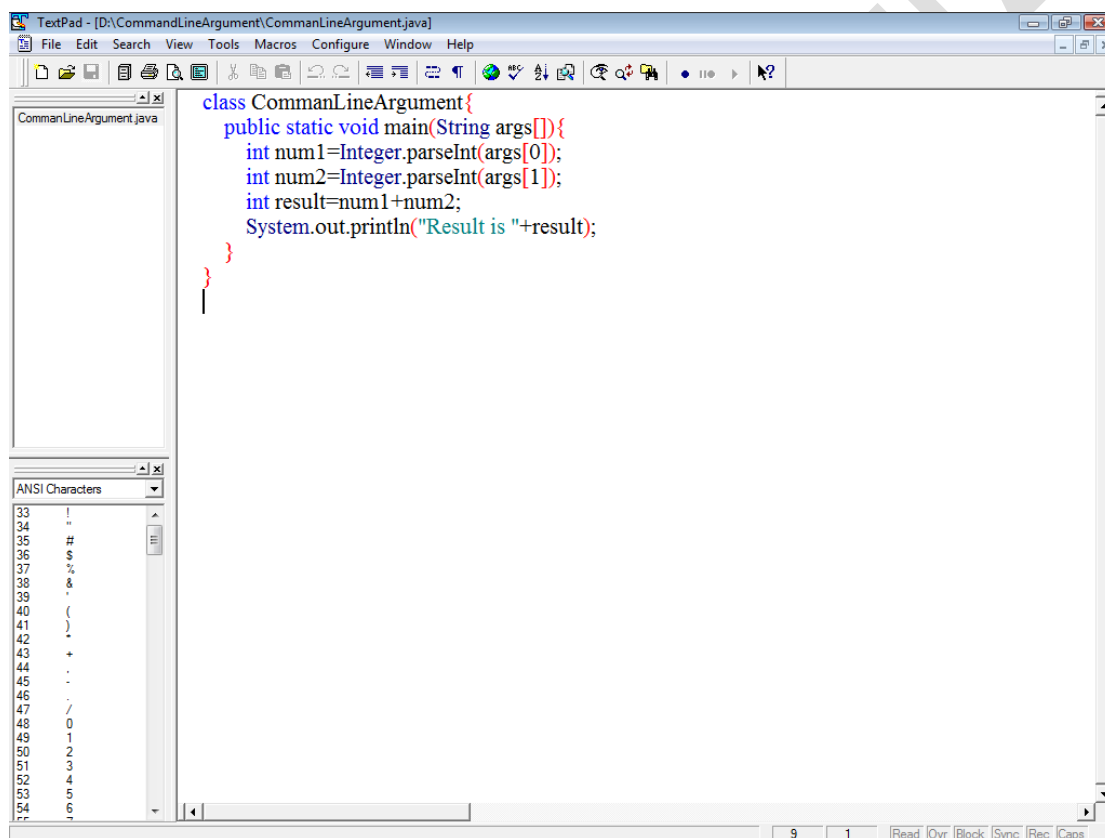
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How to pass command line arguments using TextPad

Objective: Understand how to pass command line arguments using TextPad

Problem Description: Create a java program to accept two integer numbers and find the sum of it.

Step 1: Open TextPad and write the program as below. Save it as CommanLineArgument.java

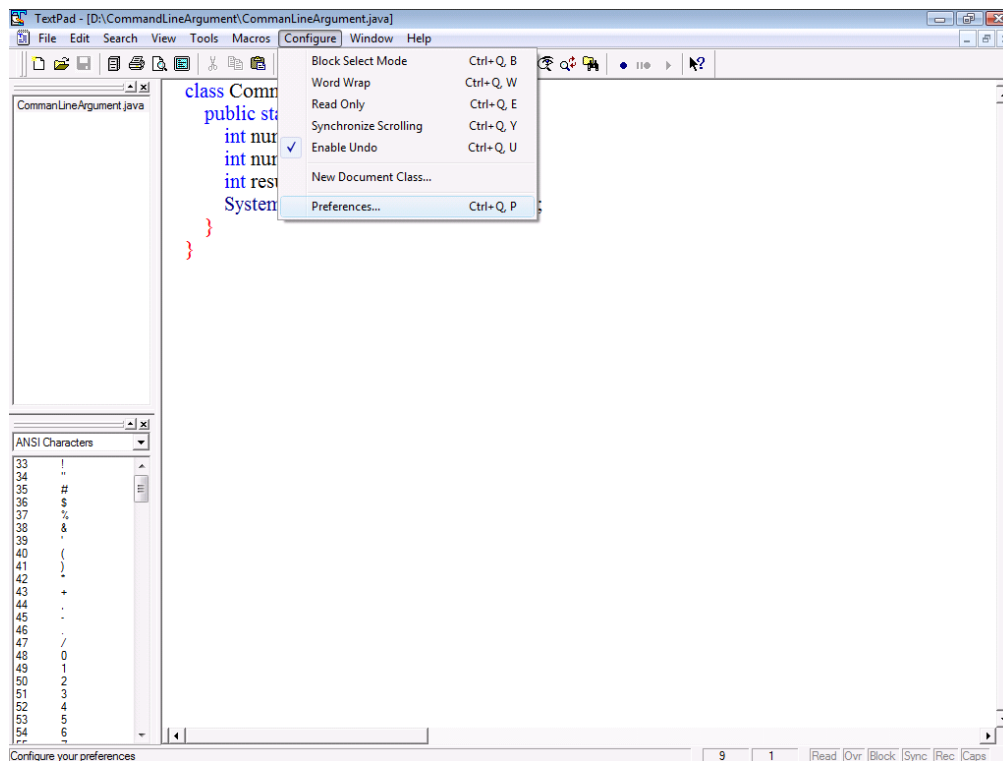


The screenshot shows the TextPad application window with the file 'CommanLineArgument.java' open. The code is as follows:

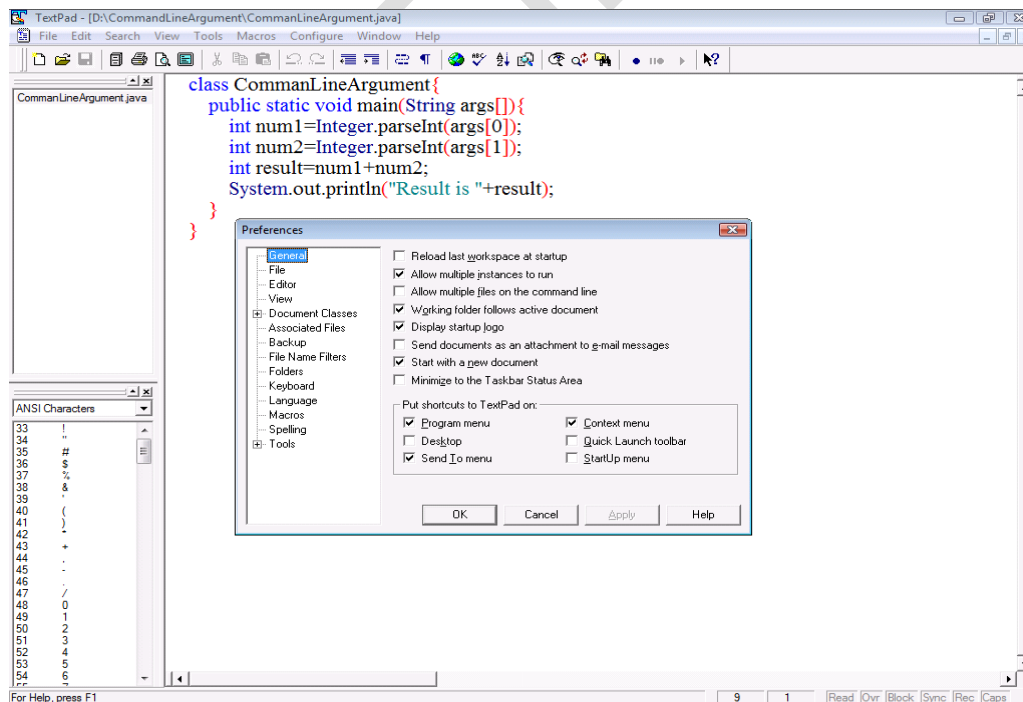
```
class CommanLineArgument{
    public static void main(String args[]){
        int num1=Integer.parseInt(args[0]);
        int num2=Integer.parseInt(args[1]);
        int result=num1+num2;
        System.out.println("Result is "+result);
    }
}
```

The left sidebar shows the 'ANSI Characters' list, and the bottom status bar indicates line 9, column 1.

Step 2: Go to Configure -> Preferences

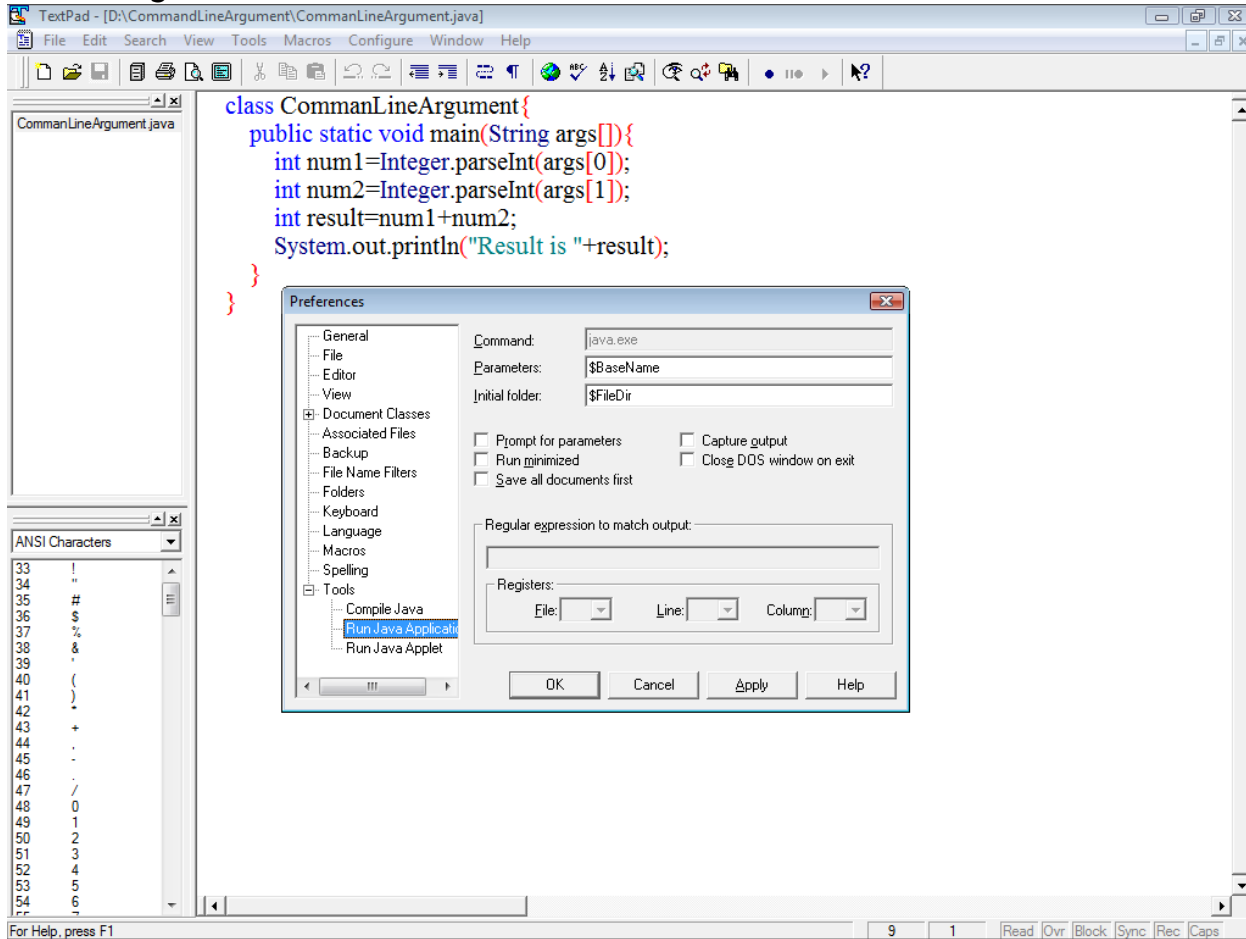


You will get the screen as below:



Step 3: Click on “+” symbol of Tools. Select Run Java Application

You will get the screen as below:

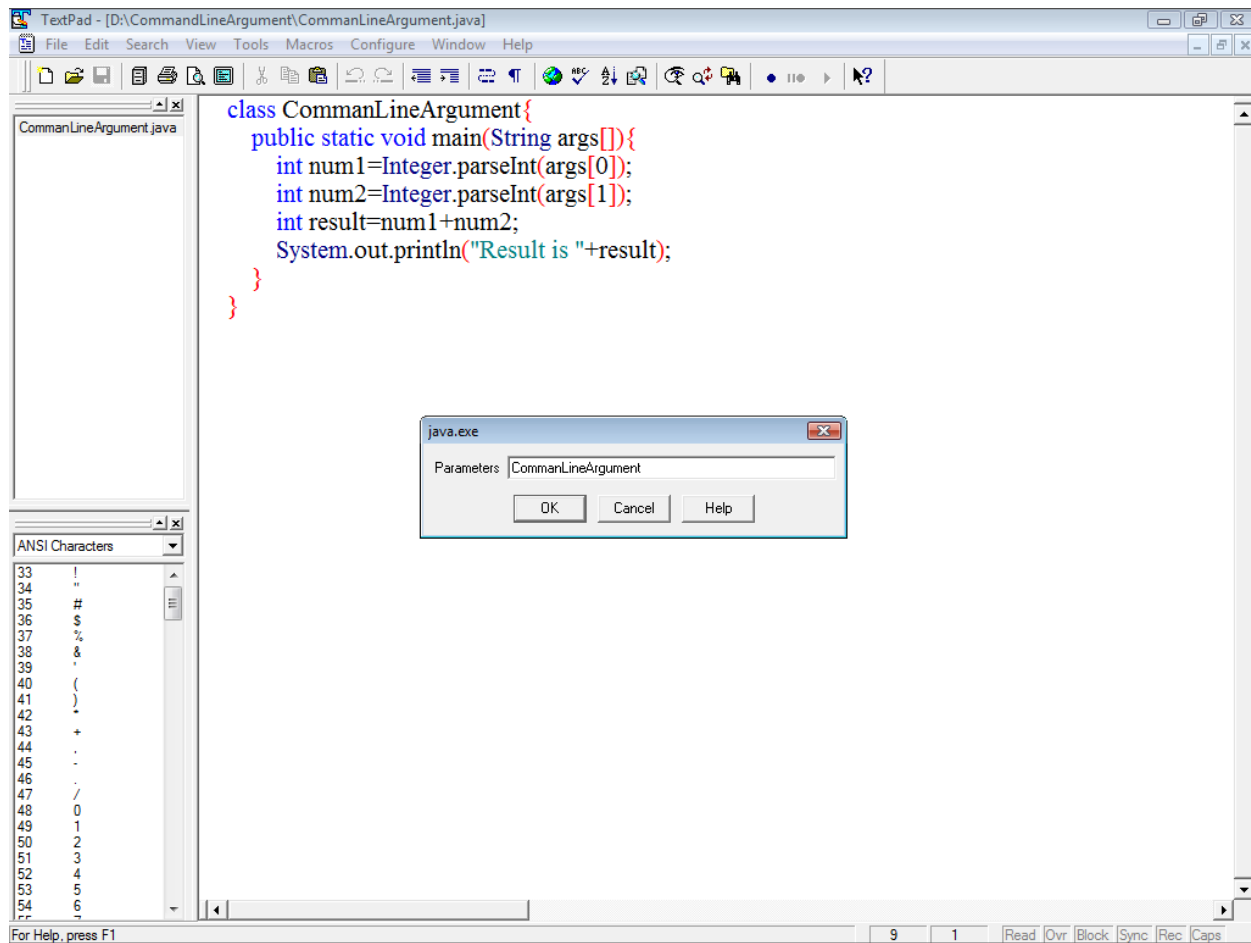


Step 4: Select the check box of **Prompt for parameters**. Click on **Apply** and **OK**

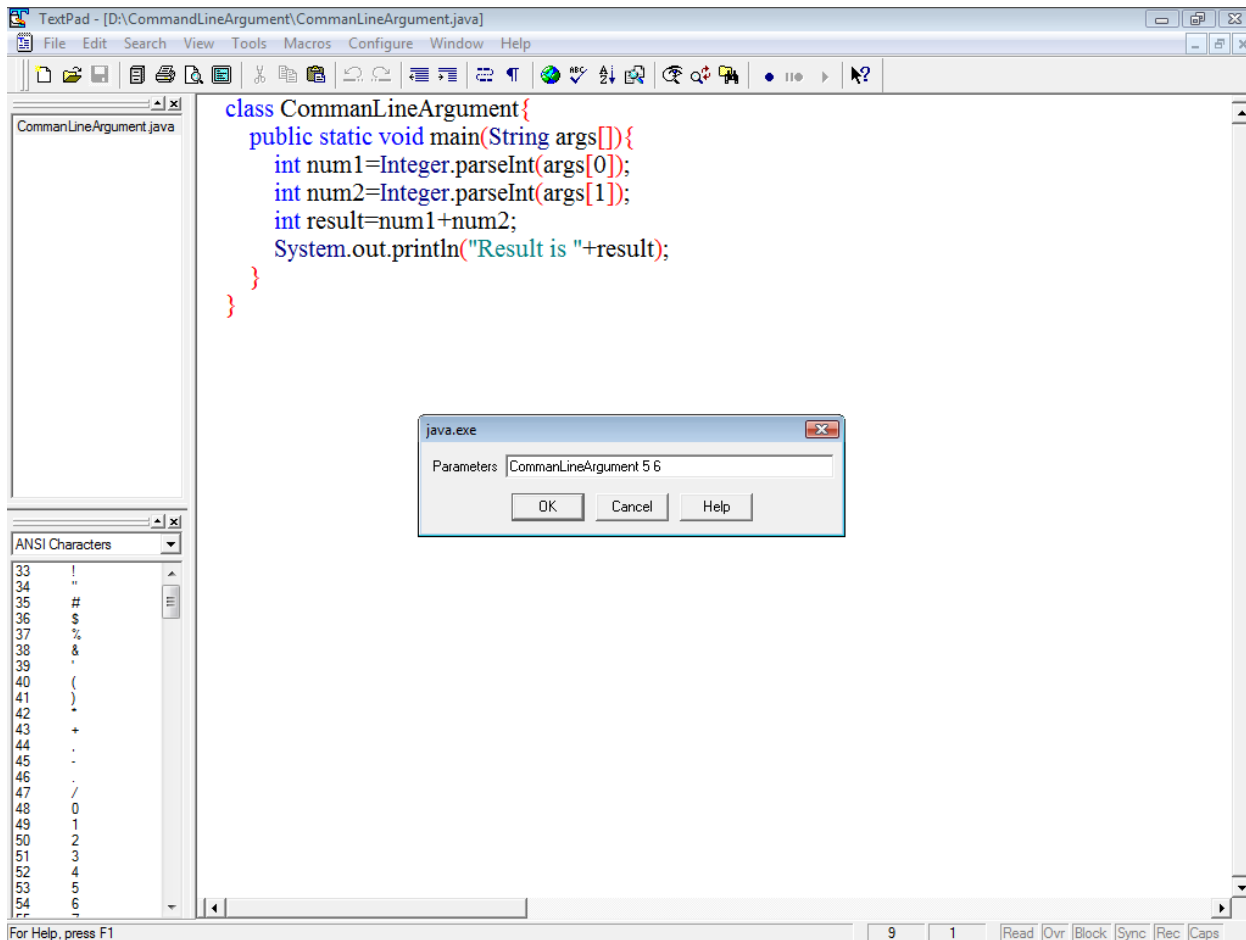
Step 5: Compile the program by pressing Ctrl + 1 or go to Tools menu and select “Compile Java” option

Step 6: Execute the program by pressing Ctrl + 2 or go to Tools menu and select “Run Java Application” option

You will be getting the screen as below



Step 7: Specify the argument/s that you need to pass as arguments to the program near the program name and click on **OK**. The arguments for adding two numbers program is shown below:



The screenshot shows the TextPad application window with the file 'CommanLineArgument.java' open. The code is as follows:

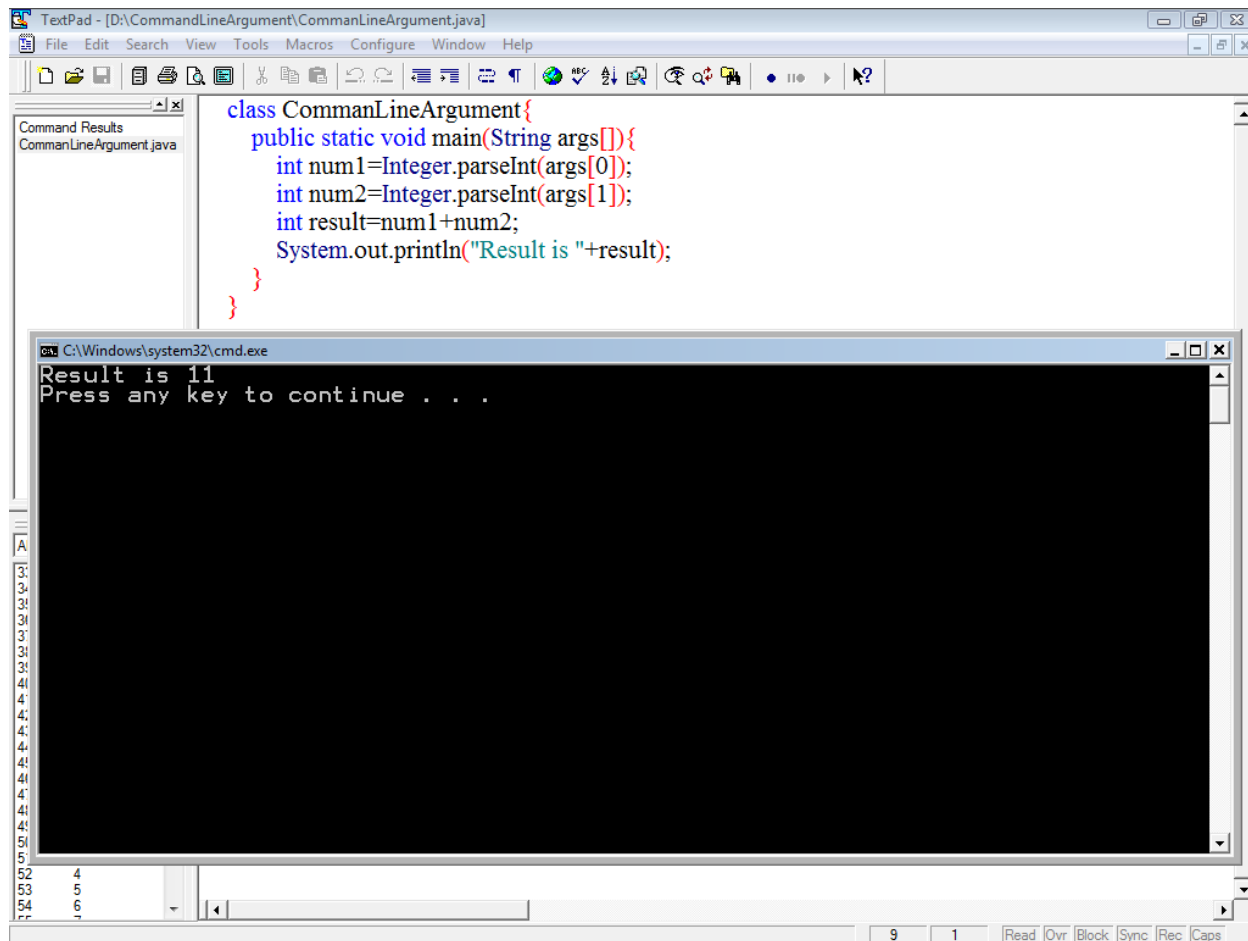
```
class CommanLineArgument{  
    public static void main(String args[]){  
        int num1=Integer.parseInt(args[0]);  
        int num2=Integer.parseInt(args[1]);  
        int result=num1+num2;  
        System.out.println("Result is "+result);  
    }  
}
```

Below the code editor, a small command prompt window titled 'java.exe' is open, showing the parameters 'CommanLineArgument 5 6'. The command prompt has 'OK', 'Cancel', and 'Help' buttons.

**Note:**

- The arguments should be separated by space

Step 8: You will be getting Output as below:



The screenshot displays two windows. The top window is TextPad, editing a file named 'CommanLineArgument.java' at 'D:\CommandLineArgument\CommanLineArgument.java'. The code is as follows:

```
class CommanLineArgument{  
    public static void main(String args[]){  
        int num1=Integer.parseInt(args[0]);  
        int num2=Integer.parseInt(args[1]);  
        int result=num1+num2;  
        System.out.println("Result is "+result);  
    }  
}
```

The bottom window is a Command Prompt (C:\Windows\system32\cmd.exe) showing the output of the program:

```
Result is 11  
Press any key to continue . . .
```

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