

Credit Name:

CSE 2140 2nd Language Programming

Assignment Name:

GuessingGame (Chapter 4.)

Error Log

What error message did you encounter (if any)?

Exception in thread "main" java.lang.Error: Unresolved compilation problem:
Syntax error, insert ";" to complete LocalVariableDeclarationStatement

at Mastery.GuessingGame.main(GuessingGame.java:16)

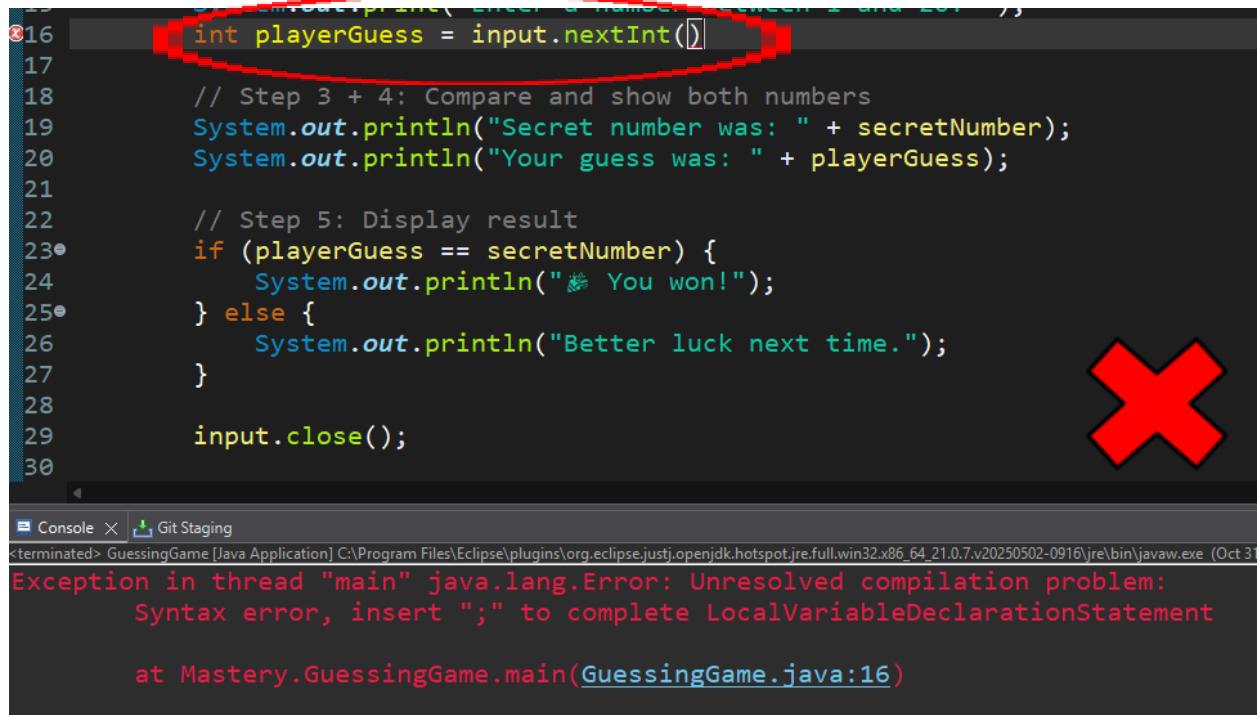
What unexpected behavior did your program exhibit?

It did not run the program and produced an error message

What caused the issue?

"int playerGuess = input.nextInt()" is missing a semicolon, which makes the line of code invalid

Include a screenshot of specific lines of code.



The screenshot shows the Eclipse IDE interface. On the left is the code editor with Java code for a guessing game. On the right is the 'Console' tab showing the error output. A red circle highlights the line of code where the error occurred, and a large red 'X' is overlaid on the console output.

```
16 int playerGuess = input.nextInt(); // Line highlighted by a red circle
17
18     // Step 3 + 4: Compare and show both numbers
19     System.out.println("Secret number was: " + secretNumber);
20     System.out.println("Your guess was: " + playerGuess);
21
22     // Step 5: Display result
23     if (playerGuess == secretNumber) {
24         System.out.println("🎉 You won!");
25     } else {
26         System.out.println("Better luck next time.");
27     }
28
29     input.close();
30
```

Console Output:

```
<terminated> GuessingGame [Java Application] C:\Program Files\Eclipse\plugins\org.eclipse.justj.openjdk.hotspot.jre.full.win32.x86_64_21.0.7.v20250502-0916\jre\bin\javaw.exe (Oct 3)
Exception in thread "main" java.lang.Error: Unresolved compilation problem:
    Syntax error, insert ";" to complete LocalVariableDeclarationStatement

    at Mastery.GuessingGame.main(GuessingGame.java:16)
```

How did you fix the issue?

Added a semicolon to "int playerGuess = input.nextInt()" to make line of code valid



```
15     System.out.print("Enter a number between 1 and 20: ");
16     int playerGuess = input.nextInt(); // Line 16 has a red box around it
17
18     // Step 3 + 4: Compare and show both numbers
19     System.out.println("Secret number was: " + secretNumber);
20     System.out.println("Your guess was: " + playerGuess);
21
22     // Step 5: Display result
23     if (playerGuess == secretNumber) {
24         System.out.println("✿ You won!");
25     } else {
26         System.out.println("Better luck next time.");
27     }
28
29     input.close();
30
```

Console X Git Staging
<terminated> GuessingGame [Java Application] C:\Program Files\Eclipse\plugins\org.eclipse.justj.openjdk.hotspot.jre.full.win32.x86_64_21.0.7.v20250502-0916\jre\bin\j

```
Enter a number between 1 and 20: 14
Secret number was: 19
Your guess was: 14
Better luck next time.
```