

Credit Name:

CSE 2110 Procedural Programming 1

Assignment Name:

GroupAssignment (Chapter 5.)

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.GroupAssignment.main(GroupAssignment.java:17)

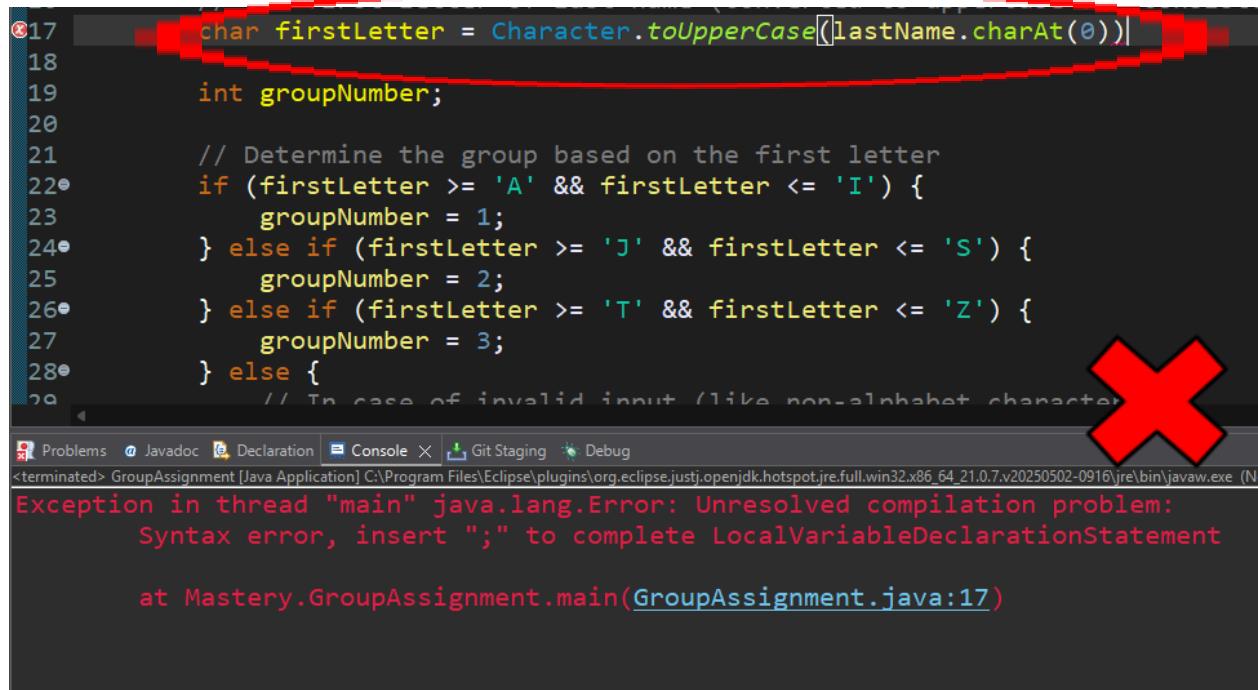
What unexpected behavior did your program exhibit?

It did not run the program and produced an error message

What caused the issue?

"char firstLetter = Character.toUpperCase(lastName.charAt(0))" is missing a semicolon, which makes the line of code invalid

Include a screenshot of specific lines of code



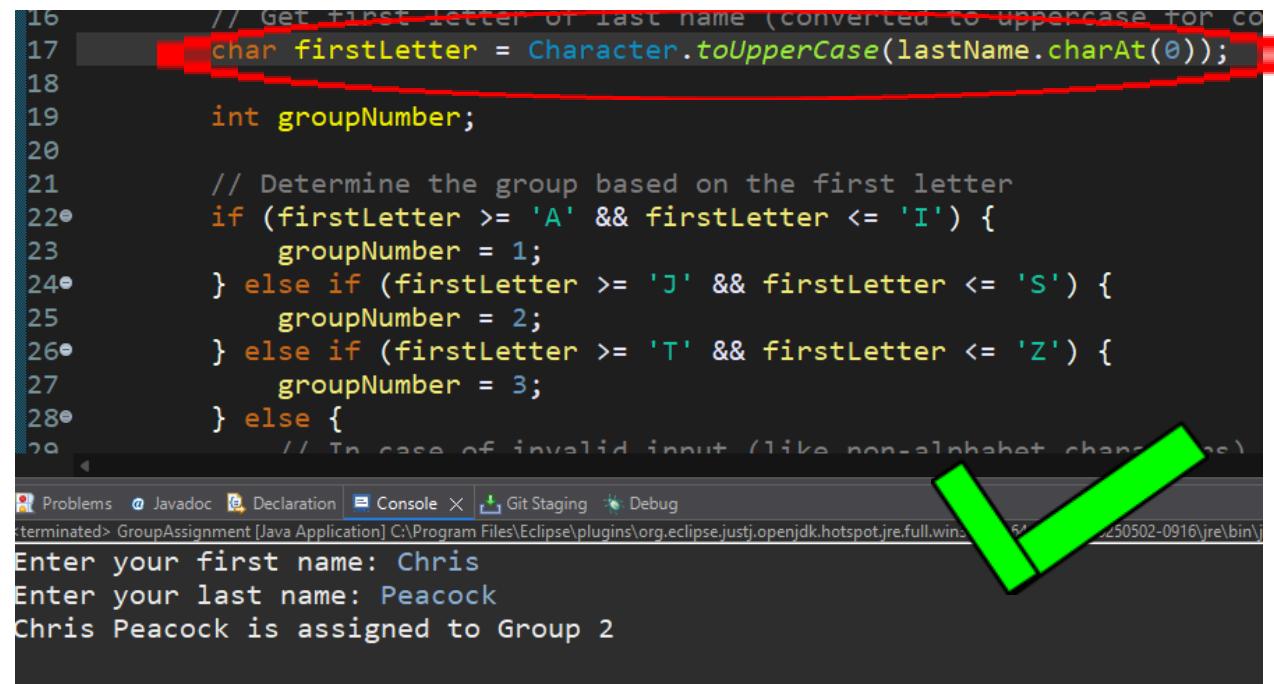
The screenshot shows the Eclipse IDE interface with a Java file named "GroupAssignment.java" open. The code is as follows:

```
17     char firstLetter = Character.toUpperCase(lastName.charAt(0));
18
19     int groupNumber;
20
21     // Determine the group based on the first letter
22     if (firstLetter >= 'A' && firstLetter <= 'I') {
23         groupNumber = 1;
24     } else if (firstLetter >= 'J' && firstLetter <= 'S') {
25         groupNumber = 2;
26     } else if (firstLetter >= 'T' && firstLetter <= 'Z') {
27         groupNumber = 3;
28     } else {
29         // In case of invalid input (like non-alphabet character)
30     }
31 }
```

A large red 'X' is overlaid on the code editor, indicating an error. The status bar at the bottom shows the error message: "Exception in thread "main" java.lang.Error: Unresolved compilation problem: Syntax error, insert ";" to complete LocalVariableDeclarationStatement at Mastery.GroupAssignment.main(GroupAssignment.java:17)".

How did you fix the issue?

Added a semicolon to "char firstLetter = Character.toUpperCase(lastName.charAt(0))" to make line of code valid



```
16     // Get first letter of last name (converted to uppercase for comparison)
17     char firstLetter = Character.toUpperCase(lastName.charAt(0));
18
19     int groupNumber;
20
21     // Determine the group based on the first letter
22     if (firstLetter >= 'A' && firstLetter <= 'I') {
23         groupNumber = 1;
24     } else if (firstLetter >= 'J' && firstLetter <= 'S') {
25         groupNumber = 2;
26     } else if (firstLetter >= 'T' && firstLetter <= 'Z') {
27         groupNumber = 3;
28     } else {
29         // In case of invalid input (like non-alphabet characters)
30     }
31 }
```

Problems Javadoc Declaration Console X Git Staging Debug

terminated> GroupAssignment [Java Application] C:\Program Files\Eclipse\plugins\org.eclipse.jdt.core\org.eclipse.jdt.core\src\GroupAssignment.java [GroupAssignment.java]

Enter your first name: Chris
Enter your last name: Peacock
Chris Peacock is assigned to Group 2