Assignment 1 Deliverables

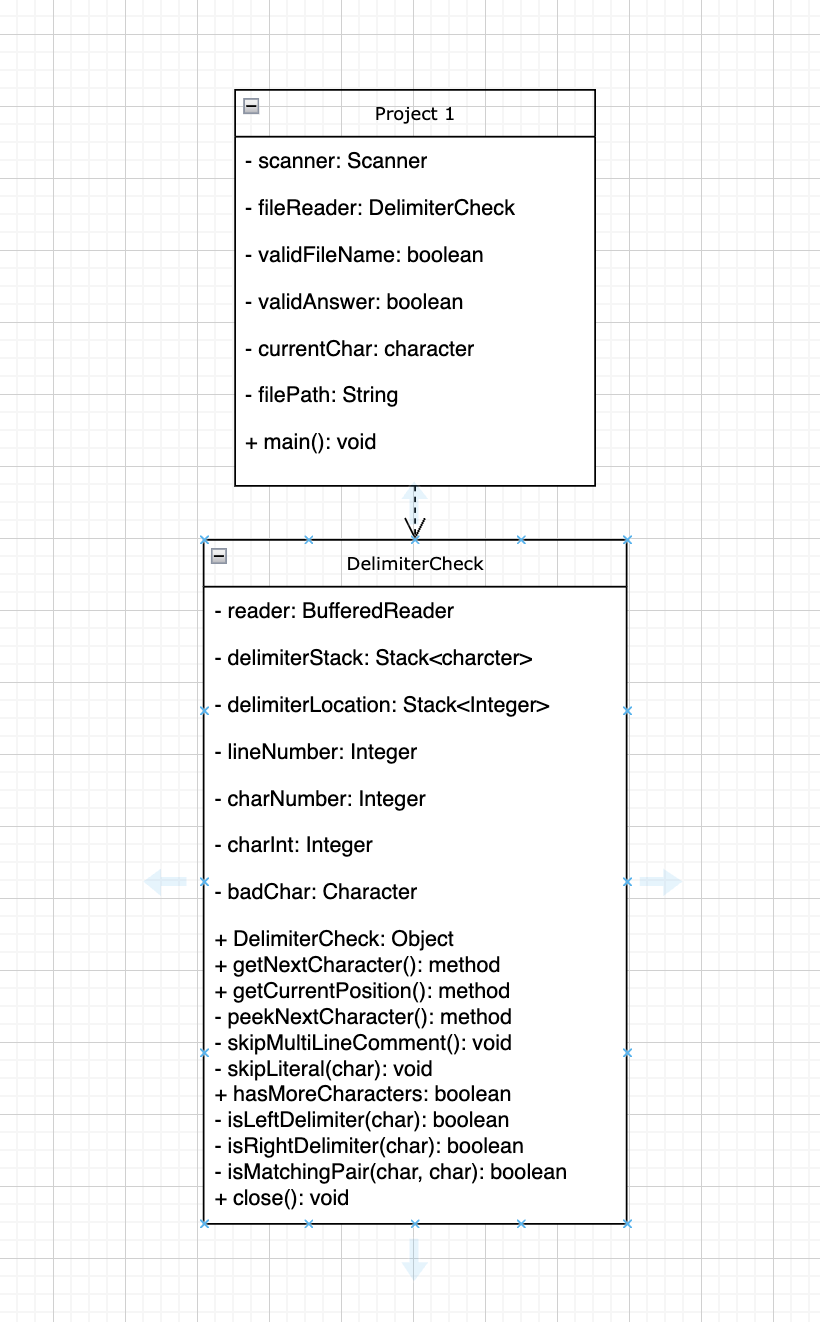
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Author Note

This Program will encapsulate a file from the user and run it through a class called DelimiterCheck to see if it is missing any parenthesis, brackets, or braces.

UML Class Diagram



**Assignment 1 Deliverables**

Assignment 1 was quite a challenge. I started by creating a layout of what variables I was going to need on an empty whiteboard. After looking at the requirements from the rubric I went into creating the two classes. I quickly became overwhelmed with which variable I was going to put where and how I was going to call the character repetitively. I then went to draw.io to attempt to make sense of it in a class diagram and furthermore got overwhelmed. It became a code and diagram as you go for me. This is something I have been trying to get better with and am currently working on. I finally concluded the assignment after rigorous testing and calling in many resources such as geeksforgeeks and stackoverflow. While I did not use the code that was found on these sites, I did come back with great references on which direction to go with my while try loops.

During this assignment I learned the power of the stack class and how to use remove, append, and peek from the class. It will prove helpful in the lessons and programming future to come. I also learned about the IOException class and had to take my time reading through the different exceptions so I could catch the right exception. I also learned that when calling the exceptions, you could get the error messages from the throwable class. It also taught me while I was in the throwable class about the getCause method and the getLocalizedMessage(). These will prove crucial in my future when I build more advanced programs to handle exceptions.

**Test Table**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Test Case** | **Input** | **Expected Output** | **Actual Output** | **Pass/Fail** |
| 1 | Open lab6.py | Webpage is displayed | Webpage is displayed | Pass |
| 2 | Open lab6.py  Click 1st Hyperlink | Webpage is displayed  1st Hyperlink is displayed | Webpage is displayed  1st Hyperlink is displayed | Pass |
| 3 | Open Lab6.py  Click 2nd Hyperlink | Webpage is displayed  2nd Hyperlink is displayed | Webpage is displayed  2nd Hyperlink is displayed | Pass |
| 4 | Open Lab6.py  Click 3rd Hyperlink | Webpage is displayed  3rd Hyperlink is displayed | Webpage is displayed  3rd Hyperlink is displayed | Pass |
| 5 | Pylint Lab6.py  Open Lab6.py | Displays Pylint Score 10/10  Webpage is displayed | Displays Pylint Score 10/10  Webpage is displayed | Pass |

**Screenshots**

**Test Case 1**

**Test Case 2**

**Test Case 3**

**Test Case 4**

**Test Case 5**