Chase Franse
Dr. Hong
COM 301
20 November 2020

Final Project Screenshots:

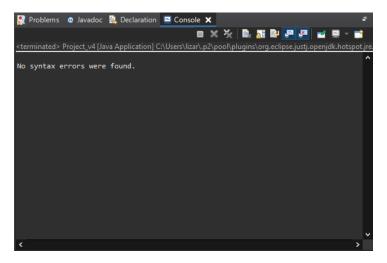
- Project v4
- Project v5 EXE
 - Project v6

Project v4:

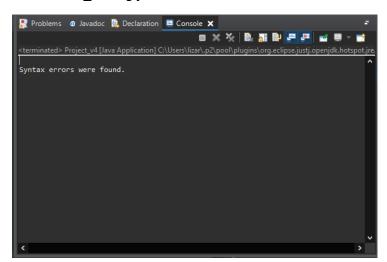
```
10
import java.nio.file.*;
import java.io.*;
import java.util.*;
import static java.nio.
                     static java.nio.file.StandardOpenOption.*;
16
             public static void main(String[] args) {
    //Get and create variables for the input and output paths
    Path file = Paths.get("F:\\3) SENIOR YEAR\\1) FALL 20\\COM 301\\0G\\PROJECT\\HelloWorld.java");
 30
                      //ADDITIONAL FUNCTIONALITY: Allow for the user to provide the file paths.

Path outPath = Paths.get("F:\\3) SENIOR YEAR\\1) FALL 20\\COM 301\\OG\\PROJECT\\Bracket Syntax Results.txt");
                      //Checks to see if the output file already exists or not. If so, it deletes it, and will replace it with a new one later.
file f = new File(outPath.toString());
if (f.exists()) {
   f.delete();
}
                      InputStream input = null;
OutputStream output = null;
                       byte[] data;
boolean CHECK = false;
                      //Use a TRY-CATCH just in-case there are any 1,0 1353
try {
   //create a Buffered Reader and Output Stream for reading and writing to the files specified above
   input = Files.newInputStream(file);
   output = new BufferedOutputStream(files.newOutputStream(outPath, CREATE));
   BufferedReader = new BufferedReader(new InputStreamReader(input));
   String s = null;
   s = reader.readLine();
   data = s getButes();
                                      - Read through EVERY line of the provided file. [WHILE LOOP]
- Determine if there are any issues with the brackets. [IF STATEMENTS]
- Bracket Syntax to check Include:
```

HelloWorld.java:



HelloWorld_wrong.java:



Project v5:

```
301 Final Project v5.6 - Chase S. <u>Franse</u>
 3 import java.nio.file.*;
4 import java.io.*;
5 import java.util.*;
6 import static java.nio.1
                        static java.nio.file.StandardOpenOption.*;
        import javax.swing.*;
import java.awt.*;
import java.awt.event.*;
      public class Project v5_EXE extends JFrame implements ActionListener{
140
               //JFrame Creation Elements
final int WIDTH = 600;
final int HEIGHT = 300;
JPanel section1 = new JPanel();
               JLabel inputPathRequestDia = new JLabel("Please Provide a Direct Input File Path (Path & File Name):");

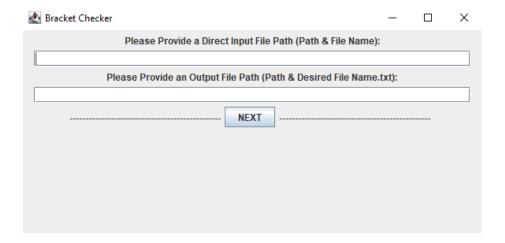
JTextField inputPathRequest = new JTextField((MIDTH/12));

JLabel outputPathRequestDia = new JLabel("Please Provide an Output File Path (Path & Desired File Name.txt):");

JTextField outputPathRequest = new JTextField((WIDTH/12));
                JLabel leftSpacing = new JLabel("----
JLabel rightSpacing = new JLabel("----
JLabel rightSpacing = new JLabel("NEXT");

JLabel result = new JLabel("");

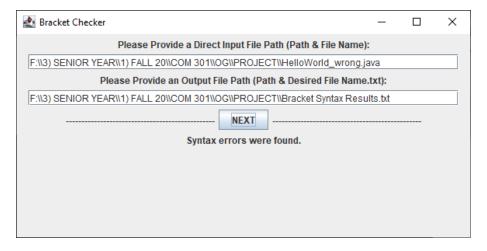
JLabel test = new JLabel("TEST");
               //JFrame Itself
public Project_v5_EXE() {
    super("Bracket Checker");
420
                        setSize(WIDTH, HEIGHT);
setLayout(new FlowLayout(FlowLayout.CENTER));
                        add(inputPathRequestDia);
                        add(inputPathRequest);
                        add(outputPathRequestDia);
add(outputPathRequest);
add(leftSpacing);
                        add(button);
                        add(rightSpacing);
                        add(result);
                        setDefaultCloseOperation(JFrame.EXIT_ON_CLOSE);
button.addActionListener(this);
               public void actionPerformed(ActionEvent x) {
   String inputPath = inputPathRequest.getText();
   String outputPath = outputPathRequest.getText();
                      inputPath.concat(".java");
outputPath.concat("Bracket Checker Results.txt");
                      //Get and create variables for the input and output paths
Path file = Paths.get(inputPath);
Path outPath = Paths.get(outputPath);
                      //Checks to see if the output file already exists or not. If so, it deletes it, and will replace it with a new one later
File f = new File(outPath.toString());
if (f.exists()) {
   f.delete();
}
                      InputStream input = null;
OutputStream output = null;
byte[] data;
boolean CHECK = false;
```



HelloWorld.java:



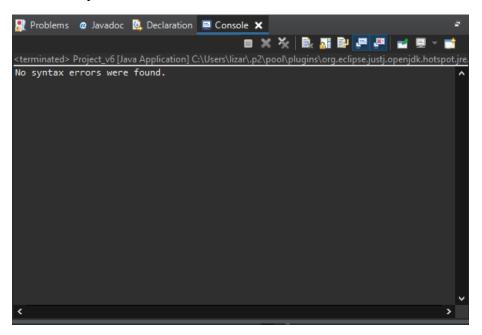
HelloWorld_wrong.java:



Project v6:

•••

HelloWorld.java:



HelloWorld_wrong.java:

