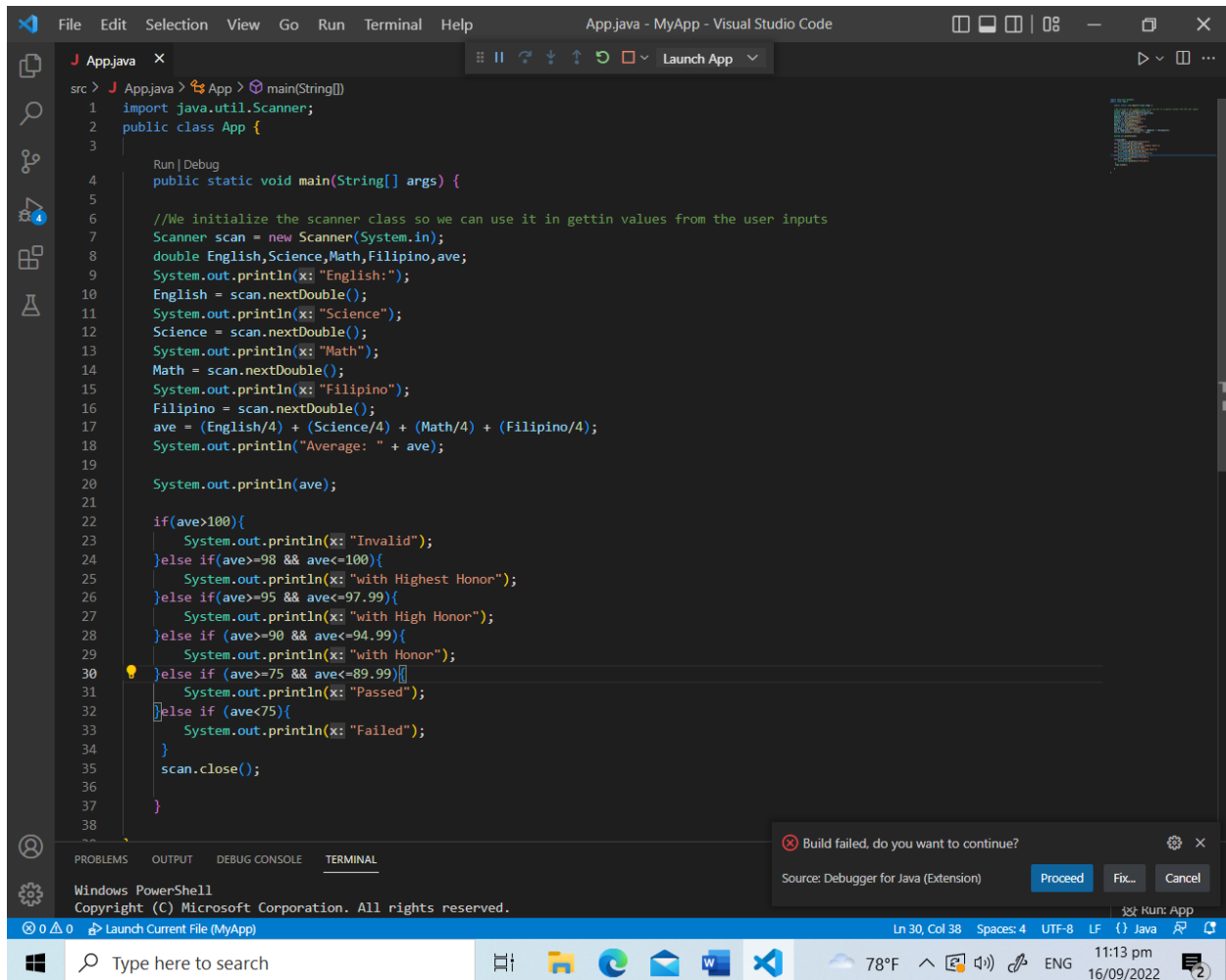


ACTIVITY NO. 3 CMSC 308

GRADE AVERAGE PROGRAM

Instruction: Create a program that will let the user input 4 Grades then make the program compute the average and display a message based on its value.



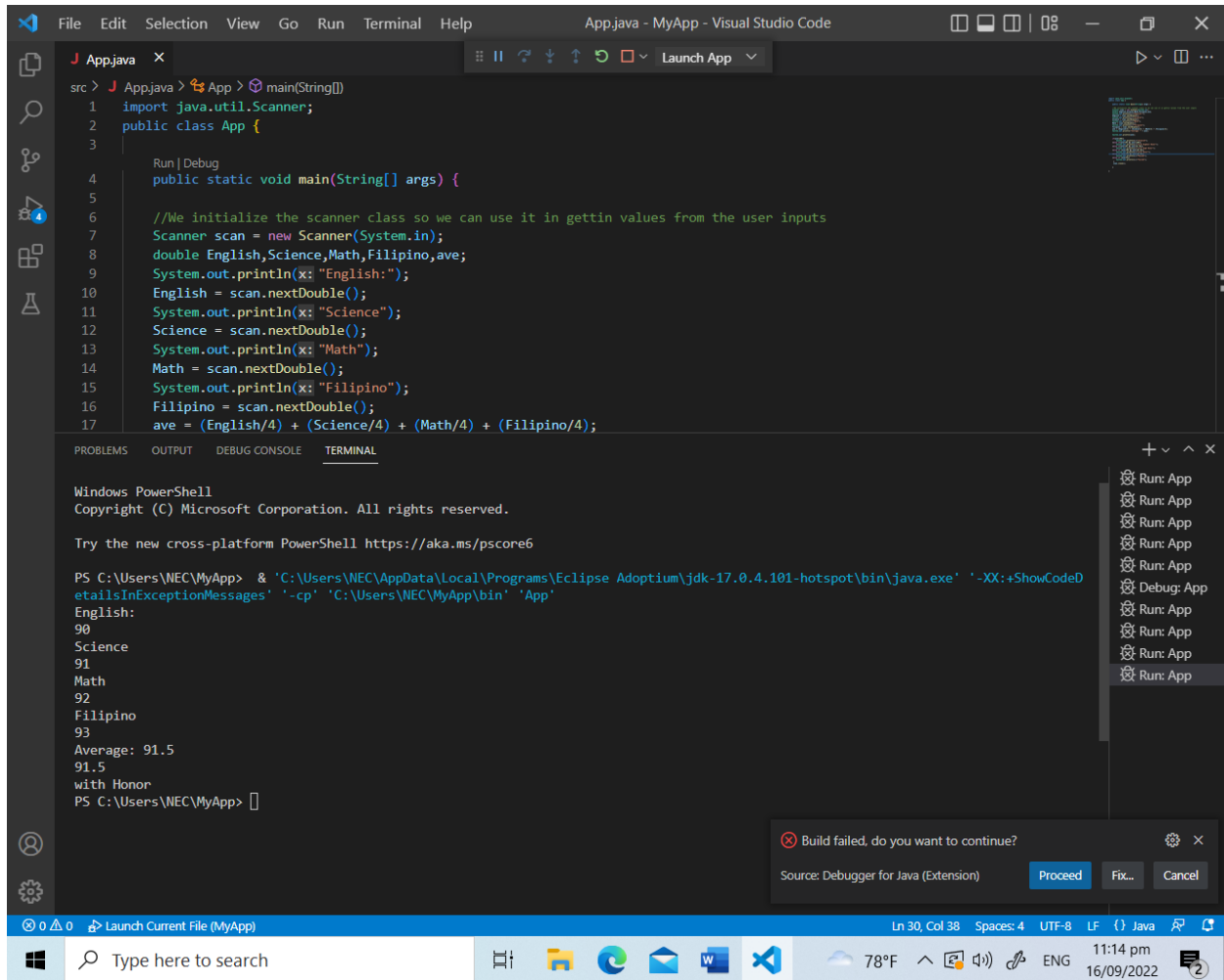
```
src > J Appjava > App > main(String[])
1  import java.util.Scanner;
2  public class App {
3
4      Run | Debug
      public static void main(String[] args) {
5
6          //We initialize the scanner class so we can use it in getting values from the user inputs
7          Scanner scan = new Scanner(System.in);
8          double English, Science, Math, Filipino, ave;
9          System.out.println(x: "English:");
10         English = scan.nextDouble();
11         System.out.println(x: "Science");
12         Science = scan.nextDouble();
13         System.out.println(x: "Math");
14         Math = scan.nextDouble();
15         System.out.println(x: "Filipino");
16         Filipino = scan.nextDouble();
17         ave = (English/4) + (Science/4) + (Math/4) + (Filipino/4);
18         System.out.println("Average: " + ave);
19
20         System.out.println(ave);
21
22         if(ave>100){
23             System.out.println(x: "Invalid");
24         }else if(ave>=98 && ave<=100){
25             System.out.println(x: "with Highest Honor");
26         }else if(ave>=95 && ave<=97.99){
27             System.out.println(x: "with High Honor");
28         }else if (ave>=90 && ave<=94.99){
29             System.out.println(x: "with Honor");
30         }else if (ave>=75 && ave<=89.99){
31             System.out.println(x: "Passed");
32         }else if (ave<75){
33             System.out.println(x: "Failed");
34         }
35         scan.close();
36     }
37 }
38
```

Build failed, do you want to continue?
Source: Debugger for Java (Extension) [Proceed] [Fix...] [Cancel]

Windows PowerShell
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Ln 30, Col 38 Spaces: 4 UTF-8 LF Java Run: App

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BSCS 3A/IS



The screenshot displays the Visual Studio Code interface with a Java file named 'App.java' open. The code is a simple application that uses the `Scanner` class to take user input for four subjects: English, Science, Math, and Filipino. It then calculates the average of these scores and prints it out. The terminal window at the bottom shows the execution of the program, where the user has entered the scores 90, 91, 92, and 93, resulting in an average of 91.5. A 'Build failed' error dialog is visible in the bottom right corner, indicating an issue with the Java extension.

```
src > J App.java > App > main(String[])
1  import java.util.Scanner;
2  public class App {
3
4      Run | Debug
5      public static void main(String[] args) {
6
7          //We initialize the scanner class so we can use it in getting values from the user inputs
8          Scanner scan = new Scanner(System.in);
9          double English, Science, Math, Filipino, ave;
10         System.out.println("English:");
11         English = scan.nextDouble();
12         System.out.println("Science");
13         Science = scan.nextDouble();
14         System.out.println("Math");
15         Math = scan.nextDouble();
16         System.out.println("Filipino");
17         Filipino = scan.nextDouble();
18         ave = (English/4) + (Science/4) + (Math/4) + (Filipino/4);
19     }
```

Windows PowerShell
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Try the new cross-platform PowerShell <https://aka.ms/pscore6>

PS C:\Users\NEC\MyApp> & 'C:\Users\NEC\AppData\Local\Programs\Eclipse Adoptium\jdk-17.0.4-hotspot\bin\java.exe' '-XX:+ShowCodeDetailsInExceptionMessages' '-cp' 'C:\Users\NEC\MyApp\bin' 'App'

English:
90
Science
91
Math
92
Filipino
93
Average: 91.5
91.5
with Honor
PS C:\Users\NEC\MyApp>

Build failed, do you want to continue?
Source: Debugger for Java (Extension) [Proceed] [Fix...] [Cancel]

Ln 30, Col 38 Spaces: 4 UTF-8 LF Java