Philip Pesic

Week 5

February 19 2023

Week 5 Prog 5

Program 5 – Fix the code in this program. Fix lines, add lines...

        Comment each line that you fixed ... what you did to fix it. (See program 2 video above

)

import java.util.Scanner;

public static void main(String[] args)

{ // This program Converts grade Points into a Letter grade. int gradePoints == 00;   // Declare

variable and assign initial value

  System.out.printl("Enter Grade Points: ";

  //Input gradePoints;

if (gradePoints >= -42)

{ System.out.println("Grade = A"); }

// if true, then ends here, if false drop to next line

else if (gradePoints =< 80) { System.out.println("Grade = B"); }

//if true, then ends here, if false drop to next line

else if (gradePoints >= 70) { System.out.println("Grade = C"); }

//if true, then ends here, if false drop to next line

else if (gradePoints >= 60) { System.out.println("Grade = D"); }

// if true, then ends here, if false drop to next line

else { System.out.println("Grade = A"; } // done.

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 }

```java
package prog5;
import java.util.Scanner;

class prog5 { //Added Class Declaration
    public static void main(String[] args) {
        int gradePoints = 00;    //Changed == to =
        Scanner input = new Scanner(System.in); //Declared Scanner object

        System.out.println("Enter Grade Points: "); //Added ) and changed printl to
println
            gradePoints = input.nextInt(); //Inputted gradePoints

        if (gradePoints >= 90) { //Changed -42 to 90
            System.out.println("Grade = A");
        }
        else if (gradePoints >= 80) { //Changed =< to <=
            System.out.println("Grade = B");
        }
        else if (gradePoints >= 70) {
            System.out.println("Grade = C");
        }

        else if (gradePoints >= 60) {
            System.out.println("Grade = D");
        }

        else  {
            System.out.println("Grade = F"); //Added ) and changed A to F
        }

        input.close(); //Closed Scanner object
        System.out.println("Philip Pesic 2/19/23"); //Added signature
    }
}
```
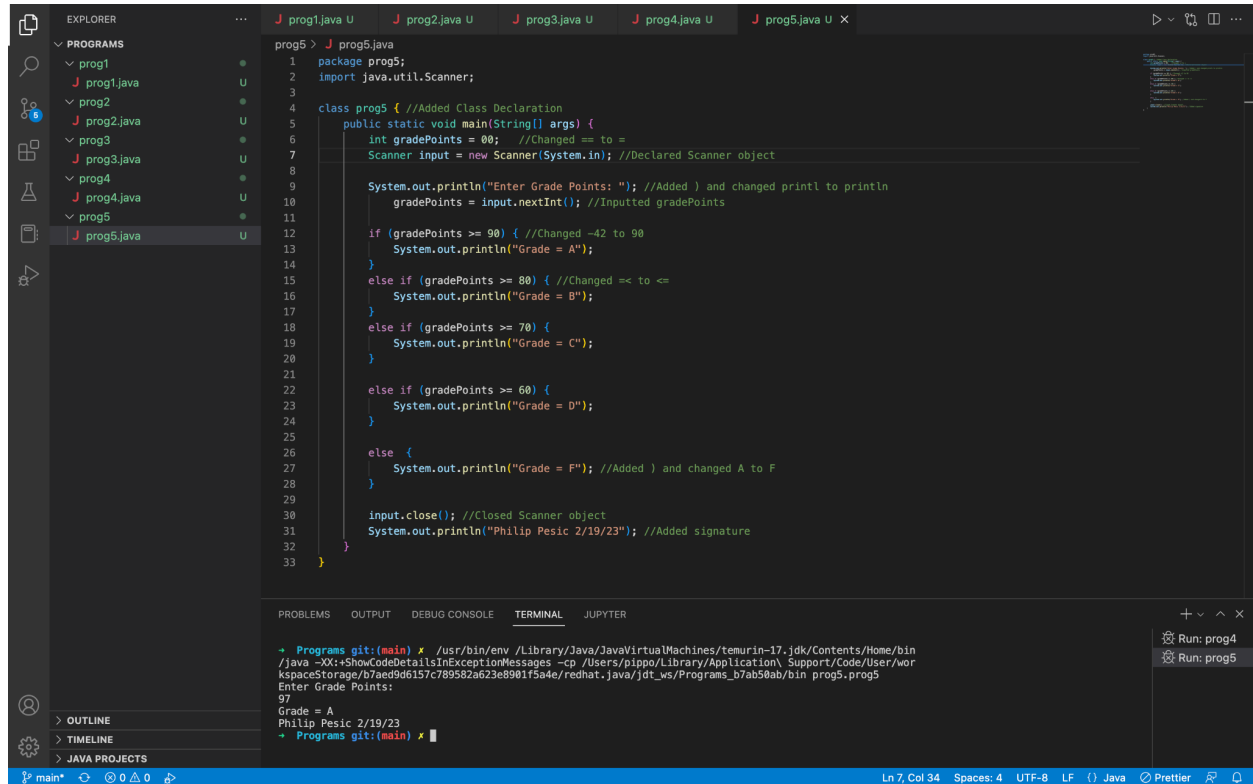
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I learned: how to debug if/else statements