

Philip Pesic

Week 5

February 19 2023

Week 5 Prog 2

Program 2 - Write a summary of the program ‘Grade conversion program: Numeric to letter grade’ using IF ELSE

statements

Video Watch me- if statements: <https://www.youtube.com/watch?v=3Ox4fJ7FM8c>

```
package prog2;
import java.util.Scanner;

class prog2 {
    public static void main(String[] args) {
        int grade;
        Scanner input = new Scanner(System.in);

        System.out.println("Enter your grade: ");
        grade = input.nextInt();

        if (grade > 100 || grade < 0) {
            System.out.println("Invalid grade!");
        }
        else {
            if (grade >= 90) {
                System.out.println("You have an A!");
            }
            else {
                if (grade >= 80) {
                    System.out.println("You have a B!");
                }
                else {
                    if (grade >= 70) {
                        System.out.println("You have a C!");
                    }
                    else {
                        if (grade >= 60) {
```

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Week 5

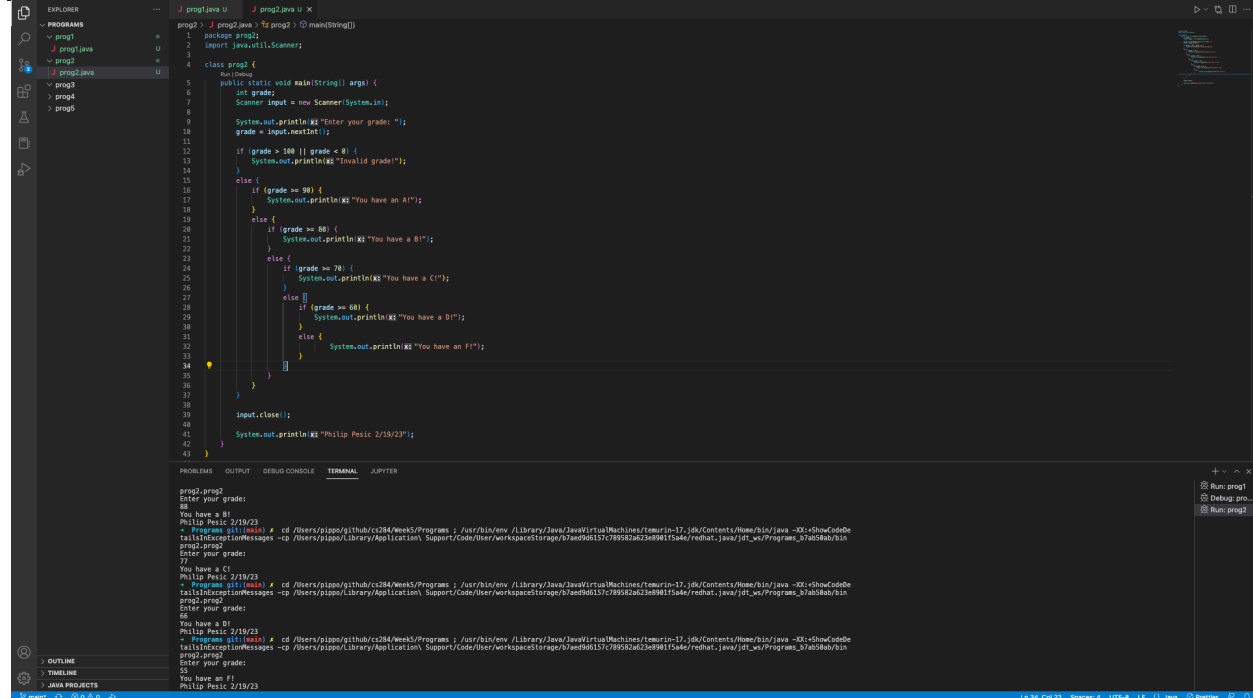
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```
        System.out.println("You have a D!");
    }
    else {
        System.out.println("You have an F!");
    }
}
}

input.close();

System.out.println("Philip Pesic 2/19/23");
}
}
```



```
1 package prog2;
2 import java.util.Scanner;
3
4 class prog2 {
5     public static void main(String[] args) {
6         int grade;
7         Scanner input = new Scanner(System.in);
8
9         System.out.println("Enter your grade: ");
10        grade = input.nextInt();
11
12        if (grade > 100 || grade < 0) {
13            System.out.println("Invalid grade");
14        }
15        else if (grade >= 90) {
16            System.out.println("You have an A!");
17        }
18        else if (grade >= 80) {
19            System.out.println("You have a B!");
20        }
21        else if (grade >= 70) {
22            System.out.println("You have a C!");
23        }
24        else if (grade >= 60) {
25            System.out.println("You have a D!");
26        }
27        else {
28            System.out.println("You have an F!");
29        }
30    }
31
32    input.close();
33
34    System.out.println("Philip Pesic 2/19/23");
35 }
36
37
38
39
40
41
42
43 }
```

```
prog2-prog2
Enter your grade:
You have a B
Philip Pesic 2/19/23
C:\Program Files\Java\jdk-17\bin>cd /Users/pipso/github/cs284/Week5/Programs ; /usr/bin/mv /Library/Java/JavaVirtualMachines/temurin-17.jdk/Contents/Home/bin/java -XX:+ShowCode
tailInExceptionHandlerMessages -cp /Users/pipso/Library/Application\ Support/Code/User/workspaceStorage/57ae95d6157c789582a623e8981f54e/redhat.java/jdt_w/Programs_37ab59ab/bin
prog2-prog2
Enter your grade:
You have a C
Philip Pesic 2/19/23
C:\Program Files\Java\jdk-17\bin>cd /Users/pipso/github/cs284/Week5/Programs ; /usr/bin/mv /Library/Java/JavaVirtualMachines/temurin-17.jdk/Contents/Home/bin/java -XX:+ShowCode
tailInExceptionHandlerMessages -cp /Users/pipso/Library/Application\ Support/Code/User/workspaceStorage/57ae95d6157c789582a623e8981f54e/redhat.java/jdt_w/Programs_37ab59ab/bin
prog2-prog2
Enter your grade:
You have a D
Philip Pesic 2/19/23
C:\Program Files\Java\jdk-17\bin>cd /Users/pipso/github/cs284/Week5/Programs ; /usr/bin/mv /Library/Java/JavaVirtualMachines/temurin-17.jdk/Contents/Home/bin/java -XX:+ShowCode
tailInExceptionHandlerMessages -cp /Users/pipso/Library/Application\ Support/Code/User/workspaceStorage/57ae95d6157c789582a623e8981f54e/redhat.java/jdt_w/Programs_37ab59ab/bin
prog2-prog2
Enter your grade:
You have an F
Philip Pesic 2/19/23
```

I learned: how to write cascading if/else statements