

```
1 import java.util.Scanner;
2
3
4 public class GradeProblemSol2 {
5
6     /**
7      * @param args
8      * @author mahmoudmahmoud
9      * This program has a logical error.
10     * If user's grade is 95, it prints all grades, A, B,....F
11     */
12     public static void main(String[] args) {
13
14         System.out.println("Please Insert Your Name..");
15         Scanner scanner = new Scanner(System.in);
16         String userName = scanner.nextLine();
17
18         System.out.println("Please insert your marks..");
19         int mark = scanner.nextInt();
20
21         System.out.println("Welcome " + userName);
22
23         if(mark > 90) {
24             System.out.println("You grade is A");
25         }
26
27         if(mark > 80) {
28             System.out.println("You grade is B");
29         }
30
31         if(mark > 70) {
32             System.out.println("You grade is C");
33         }
34
35         if(mark > 60) {
36             System.out.println("You grade is D");
37         }
38         System.out.println("You grade is F");
39
40     }
41
42 }
43
```