

```
import java.util.Scanner;

public class Main {

    public static void main(String[] args) {

        Scanner scan = new Scanner(System.in);
        System.out.println("Enter CIE marks out of 50:");
        double cie = scan.nextDouble();

        System.out.println("Enter SEE marks out of 100:");
        double see = scan.nextDouble();

        double percentage = cie + (see/2);

        if(percentage >= 90){
            System.out.println("Excellent: Grade S");
        }else if(percentage < 90 && percentage >= 80){
            System.out.println("Very Good: Grade A");
        }else if(percentage < 80 && percentage >= 70){
            System.out.println("Good: Grade B");
        }else if(percentage < 70 && percentage >= 60){
            System.out.println("Satisfactory: Grade C");
        }else if(percentage < 60 && percentage >= 50){
            System.out.println("Work Hard: Grade D");
        }else if(percentage < 50 && percentage >= 40){
            System.out.println("Just Passed: Grade E");
        }else {
            System.out.println("Failed!");
        }
    }
}
```

```
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2
3 public class Main {
4     public static void main(String[] args) {
5
6         Scanner scan = new Scanner(System.in);
7         System.out.println("Enter CIE marks out of 50:");
8         double cie = scan.nextDouble();
9
10        System.out.println("Enter SEE marks out of 100:");
11        double see = scan.nextDouble();
12
13        double percentage = cie + (see/2);
14
15        if(percentage >= 90){
16            System.out.println("Excellent: Grade S");
17        }else if(percentage < 90 && percentage >= 80){
18            System.out.println("Very Good: Grade A");
19        }else if(percentage < 80 && percentage >= 70){
20            System.out.println("Good: Grade B");
21        }else if(percentage < 70 && percentage >= 60){
22            System.out.println("Satisfactory: Grade C");
23        }else if(percentage < 60 && percentage >= 50){
24            System.out.println("Work Hard: Grade D");
25        }else if(percentage < 50 && percentage >= 40){
26            System.out.println("Just Passed: Grade E");
27        }else {
28            System.out.println("Failed!");
29        }
30    }
31 }
32
33 }
```

Input

```
Enter CIE marks out of 50:
40
Enter SEE marks out of 100:
90
Very Good: Grade A

...Program finished with exit code 0
Press ENTER to exit console.
```