

```
import java.util.Scanner;

class printGrade{

    public static void main(String[] args){

        Scanner s = new Scanner(System.in);

        int cie_marks;

        int see_marks;

        char grade;

        System.out.println("Enter CIE marks: ");

        cie_marks = s.nextInt();

        System.out.println("Enter SEE marks: ");

        see_marks = s.nextInt();

        if((cie_marks + see_marks) >= 90)

            grade = 'S';

        else if((cie_marks + see_marks) >= 80 && (cie_marks + see_marks) < 90)

            grade = 'A';

        else if((cie_marks + see_marks) >= 70 && (cie_marks + see_marks) < 80)

            grade = 'B';

        else if((cie_marks + see_marks) >= 56 && (cie_marks + see_marks) < 70)

            grade = 'C';

        else if((cie_marks + see_marks) >= 50 && (cie_marks + see_marks) < 55)

            grade = 'D';

        else if((cie_marks + see_marks) < 50)

            grade = 'F';

        else

            grade = 'E';

        if(grade != 'E'){

            System.out.println("Marks in CIE = "+ cie_marks);

            System.out.println("Marks in SEE = "+ see_marks);

            System.out.println("Grade = "+ grade);

        }

    }

}
```

```
        }  
        else System.out.println("Invalid Data Entered");  
    }  
}
```

```
Enter CIE marks:  
50  
Enter SEE marks:  
50  
Marks in CIE = 50  
Marks in SEE = 50  
Grade = S
```