

CODE:

```
import java.util.*;

class finalgrade
{
    public static void main(String args[])
    {
        int c,s,t;

        Scanner in=new Scanner(System.in);

        System.out.println("Enter your CIE marks for 50");
        c=in.nextInt();

        System.out.println("Enter your SEE marks for 100");
        s=in.nextInt();

        t=c+s/2;

        System.out.println("Your total marks"+t);

        if(t<100&&t>=90)
            System.out.println("You got S grade");
        if(t<90&&t>=80)
            System.out.println("You got A grade");
        if(t<80&&t>=70)
            System.out.println("You got B grade");
        if(t<70&&t>=60)
            System.out.println("You got C grade");
        if(t<60&&t>=50)
            System.out.println("You got D grade");
        if(t<50&&t>=40)
            System.out.println("You got E grade");
        if(t<40)
            System.out.println("You got F grade");
    }
}
```

OUTPUT:

```
Enter your CIE marks for 50
45
Enter your SEE marks for 100
91
Your total marks90
You got A grade
Enter your CIE marks for 50
46
Enter your SEE marks for 100
88
Your total marks90
You got S grade
```