

```

27 import java.util.*;
   class cie_sec
   {
       public static void main(String args[])
       {
           int c, s; float a;
           Scanner in = new Scanner(System.in);
           System.out.println("Enter Cie marks (out of 50) and Sec marks (out of 100)");
           c = in.nextInt();
           s = in.nextInt();
           if (c >= 0 && c <= 50 && s >= 0 && s <= 100) { System.out.println("Data Valid"); }
           else { System.out.println("Not a valid data"); return; }
           a = c + (s/2);
           if (a >= 90 && a <= 100) { System.out.println("S grade"); }
           else if (a >= 80 && a < 90) { System.out.println("A grade"); }
           else if (a >= 70 && a < 80) { System.out.println("B grade"); }
           else if (a >= 60 && a < 70) { System.out.println("C grade"); }
           else if (a >= 40 && a < 60) { System.out.println("D grade"); }
           else { System.out.println("F grade"); }
       }
   }

```

Command Prompt

Microsoft Windows [Version 10.0.18363.1082]  
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C:\Users\sohan>cd C:\Users\sohan\Desktop\Java Programs\cie and see marks

C:\Users\sohan\Desktop\Java Programs\cie and see marks>javac cie\_see.java

C:\Users\sohan\Desktop\Java Programs\cie and see marks>java cie\_see

Enter Cie marks ( out of 50 ) and See marks ( out of 100 )

3455

23

Not valid data

C:\Users\sohan\Desktop\Java Programs\cie and see marks>java cie\_see

Enter Cie marks ( out of 50 ) and See marks ( out of 100 )

43

67

Data valid

B grade

C:\Users\sohan\Desktop\Java Programs\cie and see marks>\_

```
import java.util.*;
class cie_see
{ public static void main(String args[])
{ int c,s; float a;
Scanner in=new Scanner(System.in);
System.out.println(" Enter Cie marks ( out of 50 ) and See marks ( out of 100 ) ");
c=in.nextInt();
s=in.nextInt();
if(c>=0 && c<=50 && s>=0 && s<=100) { System.out.println(" Data valid ");}
else{ System.out.println(" Not valid data ");return;}
a=c+(s/2);
if( a>=90 && a<=100 ) { System.out.println(" S grade");}
else if( a>=80 && a<90 ) { System.out.println(" A grade");}
else if( a>=70 && a<80 ) { System.out.println(" B grade");}
else if( a>=60 && a<70 ) { System.out.println(" C grade");}
else if( a>=40 && a<60 ) { System.out.println(" D grade");}
else{ System.out.println(" F grade");}
}}
```