



```

1 import java.util.Scanner;
2 import java.util.InputMismatchException;
3 class Earthquake
4 {
5     public float measurement;
6     void description(float measure) throws Exception
7     {
8         this.measurement=measure;
9         if(measurement>=0 && measurement<2)
10        {
11            System.out.println("author: M.SaiReddy")
12            System.out.println(" SAP ID: 51834507")
13            System.out.println("Micro earthquake, n
14        }
15        else if(measurement>=2 && measurement<3)
16        {
17            System.out.println("Generally not felt,
18        }
19        else if(measurement>=3 && measurement<4)
20        {
21            System.out.println("Noticeable shaking
22        }
23        else if(measurement>=4 && measurement<5)
24        {
25            System.out.println("Walls crack");
26        }
27        else if(measurement>=5 && measurement<6)
28        {
29            System.out.println("Furnitures move");
30        }
31        else if(measurement>=6 && measurement<7)
32        {
33            System.out.println("Some buildings coll
34        }
35        else if(measurement>=7 && measurement<8)
36        {
37            System.out.println("Many buildings coll
38        }
39        else if(measurement>=8 && measurement<=12
40        {
41            System.out.println("Total destruction o
42        }
43        else if(measurement>12)
44        {
45            throw new Exception("Application crashe
46        }
47        else
48        {
49            throw new Exception("You cannot enter n
50        }
51    }
52 }
53 class UserInput
54 {
55     public static void main(String args[])
56     {
57         Earthquake e=new Earthquake();
58         Scanner sc=new Scanner(System.in);
59         System.out.println("Enter the measuremen
60         try
61         {
62             int measure=sc.nextInt();
63             try
64             {
65                 e.description(measure);
66             }
67             catch(Exception ex)
68             {
69                 System.out.println(ex.getMessage());
70             }
71         }
72         catch(InputMismatchException i)
73         {
74             System.out.println("You cannot enter o
75         }
76     }
77 }

```

Enter the measurement :

56

Application crashed

Process finished.



vbj.java



Saved

```
1 import java.util.Scanner;
2 class Main
3 {
4     public static boolean isRotation(String s1
5     {
6         String s=s1+s1;
7         if(s.contains(s2))
8         {
9             return true;
10        }
11        else
12        {
13            return false;
14        }
15    }
16    public static void main (String[] args) {
17        Scanner sc=new Scanner(System.in);
18        System.out.println("Author: M.Sai Redd
19        System.out.println("SAP ID: 51834507")
20        System.out.print("\nEnter first String
21        String s1=sc.nextLine();
22        System.out.print("Enter second String:
23        String s2=sc.nextLine();
24        System.out.println(s1+" and "+s2+" are
25                " True or False?\n"+isRota
26
27    }
28 }
```



Author: M.Sai Reddy
SAP ID: 51834507

Enter first String: 45
Enter second String: 23
45 and 23 are rotations of each other. True
false

Process finished.



vbj.java



Saved

```
1  .ic class StringToInt {
2
3
4  public static void main (String args[])
5  {
6      String convertingString="123456";
7      System.out.println("String Before Convers
8      int output=      stringToint( convertingStr
9      System.out.println("");
10     System.out.println("");
11     System.out.println("int value as output "
12     System.out.println("");
13 }
14
15
16 public static int stringToint( String str ){
17     int i = 0, number = 0;
18     boolean isNegative = false;
19     int len = str.length();
20     if( str.charAt(0) == '-' ){
21         isNegative = true;
22         i = 1;
23     }
24     while( i < len ){
25         number *= 10;
26         number += ( str.charAt(i++) - '0' );
27     }
28     if( isNegative )
29         number = -number;
30     return number;
31 }
32
```



String Before Conversion : 123456

int value as output 123456

Process finished.



vbj.java

Saved



```
1  class Dcoder
2  {
3      public static void main(String args[])
4      {
5          for(int i=1;i<=5;i++)
6          {
7              for(int j=1;j<=i;j++)
8              {
9                  if(i==5 && j==3)
10                 {
11                     System.out.print("@");
12                 }
13                 else if(j==1 || j==i)
14                 {
15                     System.out.print("1");
16                 }
17                 else
18                 {
19                     System.out.print("!");
20                 }
21             }
22             System.out.println();
23         }
24     }
25 }
```



```
1
11
1!1
1!!1
1!@!1
```

```
Process finished.
```

```
|
```


4:00 PM

Time limit: 30 mins

SUMMARY OF YOUR PREVIOUS ATTEMPTS

	Marks /	Grade /	
State	20.00	10.00	Review
Finished Submitted Friday, 24 July 2020, 3:58 PM	7.00	3.50	Not permitted

YOUR FINAL GRADE
FOR THIS QUIZ IS
3.50/10.00.

No more attempts are allowed

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