

```
e..java   
Saved
```

```
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("Micro earthquake, not felt");
12        }
13        else if(measurement>=2 && measurement<3)
14        {
15            System.out.println("Generally not felt, but recorded");
16        }
17        else if(measurement>=3 && measurement<4)
18        {
19            System.out.println("Noticeable shaking of indoor objects");
20        }
21        else if(measurement>=4 && measurement<5)
22        {
23            System.out.println("Walls crack");
24        }
25        else if(measurement>=5 && measurement<6)
26        {
27            System.out.println("Furnitures move");
28        }
29        else if(measurement>=6 && measurement<7)
30        {
31            System.out.println("Some buildings collapse");
32        }
33        else if(measurement>=7 && measurement<8)
34        {
35            System.out.println("Many buildings collapsed");
36        }
37        else if(measurement>=8 && measurement<=12)
38        {
39            System.out.println("Total destruction of buildings");
40        }
41        else if(measurement>12)
42        {
43            throw new Exception("Application crashed");
44        }
45        else
46        {
47            throw new Exception("You cannot enter negative value");
48        }
49    }
50 }
51 class UserInput
52 {
53     public static void main(String args[])
54     {
55         System.out.println("Question no:1\nAuthor:B.padmaja");
56         Earthquake e=new Earthquake();
57         Scanner sc=new Scanner(System.in);
58         System.out.println("Enter the measurement : ");
59         try
60         {
61             int measure=sc.nextInt();
62             try
63             {
64                 e.description(measure);
65             }
66             catch(Exception ex)
67             {
68                 System.out.println(ex.getMessage());
69             }
70         }
71         catch(InputMismatchException i)
72         {
73             System.out.println("You cannot enter other than integer");
74         }
75     }
76 }
```

x Terminal



Question no:1

Author:B.padma sai

Sap id:51834617

Enter the measurement :

11

Total destruction of buildings, roads and bridges

Process finished.



Ad



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```
1 import java.util.*;
2 class StringRotation
3 {
4     static boolean areRotations(String str1, String str2)
5     {
6         return (str1.length() == str2.length()) &&
7             ((str1 + str1).indexOf(str2) != -1);
8     }
9     public static void main (String[] args)
10    {
11        System.out.println("Question no:2\nAuthor:B.padma");
12        Scanner s = new Scanner(System.in);
13        System.out.println("enter the string 1");
14        String str1 = s.nextLine();
15        System.out.println("enter the string 2");
16        String str2 = s.nextLine();
17        System.out.println("Output: ");
18        if (areRotations(str1, str2))
19            System.out.println("True");
20        else
21            System.out.printf("False");
22    }
23 }
```

⋮ File info



x Terminal



```
Question no:2
Author:B.padma sai
Sap id:51834617
enter the string 1
xyz
enter the string 2
yzx
Output:
True
```

```
Process finished.
```



e..java

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```
1 import java.util.Scanner;
2 class Conversion
3 {
4 static int replaceDigit(int x, int a)
5 {
6     int result = 0, multiply = 1;
7     while (x % 10 > 0)
8     {
9         int remainder = x % 10;
10        if (remainder != a)
11        {
12            result = result + remainder * multiply;
13            multiply *= 10;
14        }
15        x = x / 10;
16    }
17    return result;
18 }
19 public static void main(String[] args)
20 {
21     System.out.println("Question no:3\nAuthor:B.padma sa.");
22     Scanner sc=new Scanner(System.in);
23     System.out.print("Enter your number : ");
24     int x = sc.nextInt();
25     System.out.print("Enter number to be removed : ");
26     int a = sc.nextInt();
27     System.out.println(replaceDigit(x, a));
28 }
29 }
```

⋮ Try Dcoder's keyboard



x Terminal



Question no:3

Author:B.padma sai

Sap id:51834617

Enter your number : 1347232

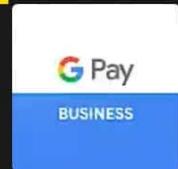
Enter number to be removed : 7

134232

Process finished.



Ad



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e..java

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```
1 import java.util.Scanner;
2 class Dcoder
3 {
4     public static void main(String args[])
5     {
6         System.out.println("Question no:4\nAuthor :B.padmanabhan");
7         for(int i=1;i<=5;i++)
8         {
9             for(int j=1;j<=i;j++)
10            {
11                if(i==5 && j==3)
12                {
13                    System.out.print("@");
14                }
15                else if(j==1 || j==i)
16                {
17                    System.out.print("1");
18                }
19                else
20                {
21                    System.out.print("!");
22                }
23            }
24            System.out.println();
25        }
26    }
27 }
```

⋮ File info



x Terminal



Question no:4
Author:B.padma sai
Sap id:51834617
1
11
1!1
!!!1
1!@!1

Process finished.



e..java

Saved



```
1 import java.util.Scanner;
2 public class Demo
3 {
4     public static void main(String []args)
5     {
6         System.out.println("Question no:5\nAuthor:B.padma");
7         System.out.println("Enter Size :");
8         int n = sc.nextInt();
9         sc.nextLine();
10        String[] str = new String[n];
11        System.out.println("enter "+n+" elements : ");
12        for (int i=0;i<n;i++)
13        {
14            str[i]=sc.nextLine();
15        }
16        for (int i=0;i<n;i++)
17        {
18            for (int j=i+1;j<n;j++)
19            {
20                if (str[i].compareTo(str[j])>0)
21                {
22                    String temp = str[j];
23                    str[j] = str[i];
24                    str[i] = temp;
25                }
26            }
27        }
28        System.out.println("Sorted string : ");
29        for (int i=0;i<n;i++)
30        {
31            System.out.println(str[i]);
32        }
33    }
34 }
```



Try Dcoder's keyboard



x Terminal



```
Question no:5
Author:B.padma sai
Sap id:51834617
Enter Size :
4
enter 4 elements :
23
61
52
21
Sorted string :
21
23
52
61
```

```
Process finished.
```



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