



1st.java



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```
1  /*1.question*/
2
3  interface Website
4  {
5      String name = "Tarun sai";
6      String space = "12gb";
7      String domain = "google.com";
8      String active = "Yes";
9      int no_of_visit = 4;
10     public void purpose() throws Exception;
11 }
12 class Anywebsite implements Website
13 {
14     /* This class must have to implement both the abstract methods
15      * else you will get compilation error
16      */
17     public void purpose()
18     {
19         System.out.println("Name : "+name);
20         System.out.println("Space : "+space);
21         System.out.println("Domain : "+domain);
22         System.out.println("Active : "+active);
23         System.out.println("no_of_visit : "+no_of_visit );
24     }
25     public static void main(String arg[])
26     {
27
28         try{
29             Website web = new Anywebsite();
30             web.purpose();
31         }
32         catch(Exception e){
33             e.printStackTrace();
34         }
35     }
36 }
```

× Terminal



Name : Tarun sai

Space : 12gb

Domain : google.com

Active : Yes

no_of_visit : 4

Process finished.

DONE BY R.TARUN SAI JAVA 1



```
1  /*2nd question*/
2  import java.lang.*;
3  import java.util.*;
4  class MatrixReloaded
5  {
6      static int R = 4;
7      static int C = 4;
8      static void rotatematrix(int m, int n, int mat[][])
9      {
10         int row = 0, col = 0;
11         int prev, curr;
12         while (row < m && col < n)
13         {
14             if (row + 1 == m || col + 1 == n)
15                 break;
16             prev = mat[row + 1][col];
17             for (int i = col; i < n; i++)
18             {
19                 curr = mat[row][i];
20                 mat[row][i] = prev;
21                 prev = curr;
22             }
23             row++;
24             for (int i = row; i < m; i++)
25             {
26                 curr = mat[i][n-1];
27                 mat[i][n-1] = prev;
28                 prev = curr;
29             }
30             n--;
31             if (row < m)
32             {
33                 for (int i = n-1; i >= col; i--)
34                 {
35                     curr = mat[m-1][i];
36                     mat[m-1][i] = prev;
37                     prev = curr;
38                 }
39             }
40             m--;
41             if (col < n)
42             {
```



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```
34     {
35         curr = mat[m-1][i];
36         mat[m-1][i] = prev;
37         prev = curr;
38     }
39 }
40 m--;
41 if (col < n)
42 {
43     for (int i = m-1; i >= row; i--)
44     {
45         curr = mat[i][col];
46         mat[i][col] = prev;
47         prev = curr;
48     }
49 }
50 col++;
51 }
52 System.out.println("Output: ");
53 for (int i = 0; i < R; i++)
54 {
55     for (int j = 0; j < C; j++)
56         System.out.print( mat[i][j] + " ");
57     System.out.print("\n");
58 }
59 }
60 public static void main(String[] args)
61 {
62     int a[][] = { {12, 23, 12, 14},
63                   {1, 78, 6, 6},
64                   {8, 6, 4, 10},
65                   {20, 1, -2, 4} };
66     rotatematrix(R, C, a);
67
68 }
69 }
```



Terminal



Output:

1 12 23 12

8 6 78 14

20 4 6 6

1 -2 4 10

Process finished.

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3rd question.java 

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```
1  /*3rd question*/
2  import java.util.*;
3  public class Even
4  {
5      public static void main (String[] args)
6      {
7
8
9          int count=0;
10         int rem=0 ;
11         Scanner sc=new Scanner(System.in);
12         System.out.println("enter a number :");
13         int n= sc.nextInt();
14         while(n>0)
15         {
16             rem=n%10;
17             if(rem%2==0)
18             {
19                 count++;
20             }
21             n=n/10;
22
23         }
24         System.out.println("no of even digits in n ftumber are ; "+count);
25
26     }
27 }
```

× Terminal



```
enter a number :  
157282728  
no of even digits in n ftumber are ; 5  
  
Process finished.  
DONE BY R.TARUN SAI JAVA -1
```




```
1  /*5th question*/
2
3  import java.util.Scanner;
4  class Dcoder
5  {
6      public static void main(String args[])
7      {
8          int k=0,flag=0;
9          Scanner sc=new Scanner(System.in);
10         System.out.println("Enter the size of array :");
11         int size=sc.nextInt();
12         while(size<1)
13         {
14             System.out.println("Enter a valid size : ");
15             size=sc.nextInt();
16         }
17         int arr[]=new int[size];
18         int arr2[]=new int[size];
19         System.out.println("Enter "+size+" elements :");
20         for(int i=0;i<size;i++)
21         {
22             arr[i]=sc.nextInt();
23         }
24         for(int i=0;i<size;i++)
25         {
26             flag=0;
27             int rev=0;
28             int temp=arr[i];
29             while(temp>0)
30             {
31                 rev=rev*10+(temp%10);
32                 temp=temp/10;
33                 flag++;
34             }
35             if(rev==arr[i] && flag!=1)
36             {
37                 arr2[k++]=arr[i];
38                 for(int j=i;j<size-1;j++)
39                 {
40                     arr[j]=arr[j+1];
41                 }
42                 size--;
```



```

21 {
22     arr[i]=sc.nextInt();
23 }
24 for(int i=0;i<size;i++)
25 {
26     flag=0;
27     int rev=0;
28     int temp=arr[i];
29     while(temp>0)
30     {
31         rev=rev*10+(temp%10);
32         temp=temp/10;
33         flag++;
34     }
35     if(rev==arr[i] && flag!=1)
36     {
37         arr2[k++]=arr[i];
38         for(int j=i;j<size-1;j++)
39         {
40             arr[j]=arr[j+1];
41         }
42         size--;
43         i--;
44     }
45 }
46 for(int i=0;i<size;i++)
47 {
48     System.out.print(arr[i]+" ");
49 }
50 System.out.print("\nPal : ");
51 for(int i=0;i<k;i++)
52 {
53     System.out.print(arr2[i]+" ");
54 }
55 }
56 }

```



Terminal



Enter the size of array :

6

Enter 6 elements :

121

454

677

123

989

034

677 123 34

Pal : 121 454 989

Process finished.

DONE BY R.TARUN SAI JAVA -1

JAVA_QUIZ_DAY_4

Attempts allowed: 1

This quiz opened at Tuesday, 21 July
2020, 11:30 AM

This quiz will close at Tuesday, 21 July
2020, 6:00 PM

Time limit: 30 mins

SUMMARY OF YOUR PREVIOUS ATTEMPTS



	Marks /	Grade /	
State	20.00	10.00	Review
Finished	14.00	7.00	Not
Submitted			permitted
Tuesday, 21 July 2020, 2:35 PM			