



day2.java

Saved



```
1 interface Website
2 {
3     String name = "padma sai";
4     String space = "16gb";
5     String domain = "sai.com";
6     String active = "Yes";
7     int no_of_visit = 6;
8     public void purpose() throws Exception;
9 }
10 class Anywebsite implements Website
11 {
12     /* This class must have to implement both the abst
13      * else you will get compilation error
14      */
15     public void purpose()
16     {
17         System.out.println("Name : "+name);
18         System.out.println("Space : "+space);
19         System.out.println("Domain : "+domain);
20         System.out.println("Active : "+active);
21         System.out.println("no_of_visit : "+no_of_visit );
22     }
23     public static void main(String arg[])
24     {
25         System.out.println("Author: B.padma sai");
26         System.out.println("sap id: 51834617");
27         try{
28             Website web = new Anywebsite();
29             web.purpose();
30         }
31         catch(Exception e){
32             e.printStackTrace();
33         }
34     }
35 }
```



Try Dcoder's keyboard



## x Terminal



```
Author: B.padma sai  
sap id: 51834617  
Name : padma sai  
Space : 16gb  
Domain : sai.com  
Active : Yes  
no_of_visit : 6
```

```
Process finished.
```

Ad

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Saved

```
1 import java.util.*;
2 public class CountEven
3 {
4     public static void main (String[] args)
5     {
6         System.out.println("Author : B.padma sai");
7         System.out.println("SAP : 51834617");
8         int count=0;
9         int rem=0 ;
10        Scanner sc=new Scanner(System.in);
11        System.out.println("enter a number :");
12        int n= sc.nextInt();
13        while(n>0)
14        {
15            rem=n%10;
16            if(rem%2==0)
17            {
18                count++;
19            }
20            n=n/10;
21        }
22    }
23    System.out.println("no of even digits in number:");
24
25 }
26 }
```



Terminal



```
Author : B.padma sai
SAP : 51834617
enter a number :
134723
no of even digits in number: 2

Process finished.
```



day2.java

Saved



```
1 import java.lang.*;
2 import java.util.*;
3 class Matrix
4 {
5     static int R = 4;
6     static int C = 4;
7     static void rotatematrix(int m, int n, int mat[][])
8     {
9         int row = 0, col = 0;
10        int prev, curr;
11        while (row < m && col < n)
12        {
13            if (row + 1 == m || col + 1 == n)
14                break;
15            prev = mat[row + 1][col];
16            for (int i = col; i < n; i++)
17            {
18                curr = mat[row][i];
19                mat[row][i] = prev;
20                prev = curr;
21            }
22            row++;
23            for (int i = row; i < m; i++)
24            {
25                curr = mat[i][n-1];
26                mat[i][n-1] = prev;
27                prev = curr;
28            }
29            n--;
30            if (row < m)
31            {
32                for (int i = n-1; i >= col; i--)
33                {
34                    curr = mat[m-1][i];
35                    mat[m-1][i] = prev;
36                    prev = curr;
37                }
38            }
39            m--;
40            if (col < n)
41            {
42                for (int i = m-1; i >= row; i--)
43                {
44                    curr = mat[i][col];
45                    mat[i][col] = prev;
46                    prev = curr;
47                }
48            }
49            col++;
50        }
51        System.out.println("Output: ");
52        for (int i = 0; i < R; i++)
53        {
54            for (int j = 0; j < C; j++)
55                System.out.print( mat[i][j] + " ");
56                System.out.print("\n");
57        }
58    }
59    public static void main(String[] args)
60    {
61        System.out.println("Author: B.padma sai");
62        System.out.println("Sap id: 51834617");
63        int a[][] = { {12, 23, 12, 14},
64                     {1, 78, 6, 6},
65                     {8, 6, 4, 10},
66                     {20, 1, -2, 4} };
67        rotatematrix(R, C, a);
68    }
69 }
70 }
```

:: Make public



## x Terminal



```
Author: B.padma sai
Sap id: 51834617
Output:
1 12 23 12
8 6 78 14
20 4 6 6
1 -2 4 10
```

```
Process finished.
```

Ad



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Saved

```
1 import java.util.Scanner;
2 class Dcoder
3 {
4     public static void main(String args[])
5     {
6         System.out.println("Author: B.padma sai");
7         System.out.println("sap id: 51834617");
8         int k=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[]={};
18        int arr2[]={};
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            int rev=0;
27            int temp=arr[i];
28            while(temp>0)
29            {
30                rev=rev*10+(temp%10);
31                temp=temp/10;
32            }
33            if(rev==arr[i])
34            {
35                arr2[k++]=arr[i];
36                for(int j=i;j<size-1;j++)
37                {
38                    arr[j]=arr[j+1];
39                }
40                size--;
41                i--;
42            }
43        }
44        for(int i=0;i<size;i++)
45        {
46            System.out.print(arr[i]+" ");
47        }
48        System.out.print("\nPal : ");
49        for(int i=0;i<k;i++)
50        {
51            System.out.print(arr2[i]+" ");
52        }
53    }
54 }
```

5:21



2.00 KB/S LTE 4G 80%

x Terminal



```
Author: B.padma sai
sap id: 51834617
Enter the size of array :
6
Enter 6 elements :
21
22
121
482
565
11
21 482
Pal : 22 121 565 11
Process finished.
```

Ad

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# 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



State	Marks	Grade	Review
	/	/	
Finished	20.00	10.00	
Submitted	12.00	6.00	Not permitted
Tuesday, 21 July 2020, 2:47 PM			

YOUR FINAL GRADE  
FOR THIS QUIZ IS  
6.00/10.00.