



Jyothik.java



Saved

```
1 import java.util.*;
2 public class Main
3 {
4     public static void main (String[] args)
5     {
6         System.out.println("Author : Jyothik ");
7         System.out.println("SAP : 51834611");
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        System.out.println("no of even digits in n t
23
24
25    }
26 }
```



Terminal



```
Author : Jyothik
SAP : 51834611
enter a number :
6
no of even digits in n ftumber are ; 1
Process finished
```



Jyothik.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            }

```



Terminal



Output:

```
1 12 23 12
8 6 78 14
20 4 6 6
1 -2 4 10
```

Process finished



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Saved

```
7 Scanner sc=new Scanner(System.in);
8 System.out.println("Enter the size of array");
9 int size=sc.nextInt();
10 while(size<1)
11 {
12     System.out.println("Enter a valid size :");
13     size=sc.nextInt();
14 }
15 int arr[]=new int[size];
16 int arr2[]=new int[size];
17 System.out.println("Enter "+size+" elements");
18 for(int i=0;i<size;i++)
19 {
20     arr[i]=sc.nextInt();
21 }
22 for(int i=0;i<size;i++)
23 {
24     int rev=0;
25     int temp=arr[i];
26     while(temp>0)
27     {
28         rev=rev*10+(temp%10);
29         temp=temp/10;
30     }
31     if(rev==arr[i])
32     {
33         arr2[k++]=arr[i];
34         for(int j=i;j<size-1;j++)
35         {
36             arr[j]=arr[j+1];
37         }
38         size--;
39         i--;
40     }
41 }
42 for(int i=0;i<size;i++)
43 {
```



Terminal



Enter the size of array :

6

Enter 6 elements :

123456

1234567