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SAP ID : 51834789

3<sup>rd</sup> answer

```
1  import java.util.*;
2  public class Main
3  {
4      public static void main (String[] args)
5      {
6          System.out.println("Author : Nithin");
7          System.out.println("SAP : 51834789");
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 f
23
24
25     }
26 }
27
```

× Terminal



```
Author : Nithin
SAP : 51834789
enter a number :
10
no of even digits in n ftumber are ; 1
Process finished.
```


5<sup>th</sup> answer

```
1  import java.util.Scanner;
2  class Dcoder
3  {
4      public static void main(String args[])
5      {
6          int k=0;
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     {
44         System.out.print(arr[i]+" ");
45     }
46     System.out.print("\nPal : ");
47     for(int i=0;i<k;i++)
48     {
49         System.out.print(arr2[i]+" ");
50     }
51 }

```

× Terminal 

```

Enter the size of array :
2
Enter 2 elements :
4
6

Pal : 4 6
Process finished.

```

