

```

1 import java.util.*;
2 public class Abs
3 {
4     public static void main (String[] args)
5     {
6         System.out.println("Author : T.Vyjayanthi ");
7         System.out.println("SAP : 51834774");
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 number are ; "+count);
23    }
24 }
25 }
26 }

```

× Terminal



```

Author : T.Vyjayanthi
SAP : 51834774
enter a number :
621
no of even digits in number are ; 2

Process finished.

```



```

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    }
52 }

```



```
× Terminal
Enter the size of array :
5
Enter 5 elements :
2
16
3
41
15
16 41 15
Pal : 2 3
Process finished.
```

