

```
3) import java.util.*;

public class Main
{
    public static void main (String[] args)
    {
        System.out.println("Program by Manasa\n Java1\n SAP:51834754");

        int count=0;

        int rem=0 ;

        Scanner sc=new Scanner(System.in);

        System.out.println("enter a number :");

        int n= sc.nextInt();

        while(n>0)
        {
            rem=n%10;

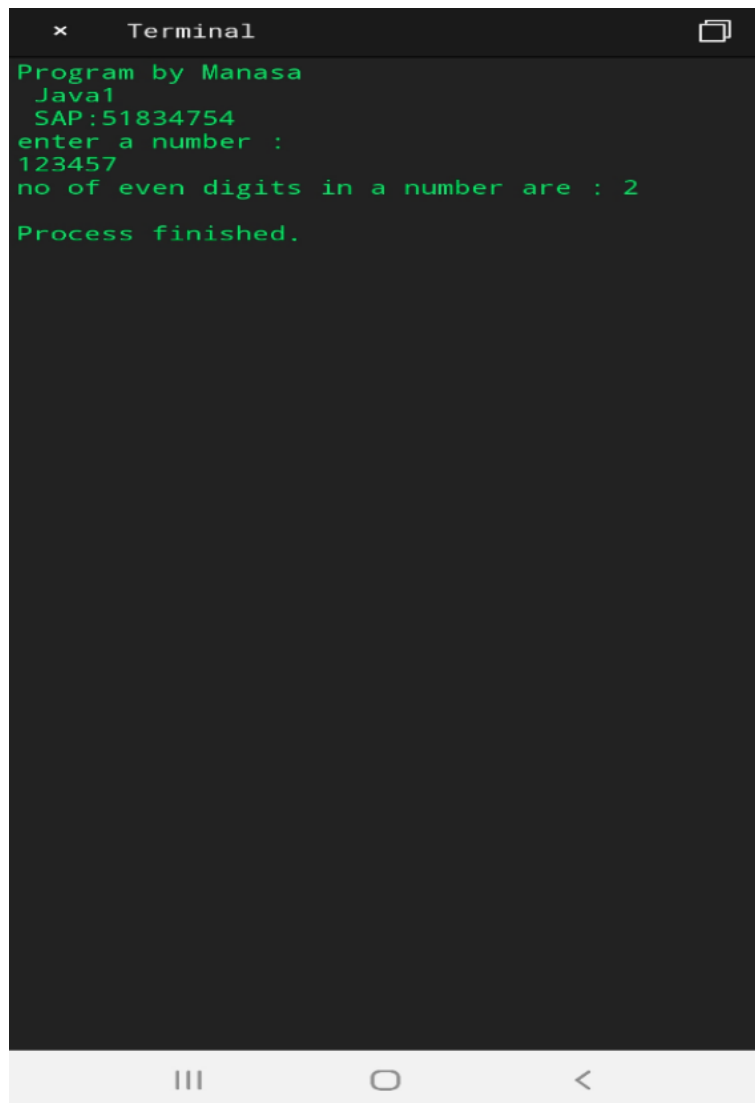
            if(rem%2==0)
            {
                count++;
            }

            n=n/10;

        }

        System.out.println("no of even digits in a number are : "+count);

    }
}
```



```
× Terminal
Program by Manasa
Java1
SAP:51834754
enter a number :
123457
no of even digits in a number are : 2
Process finished.
```

```
5) import java.util.Scanner;

class Dcoder
{
    public static void main(String args[])
    {
        int k=0;

        Scanner sc=new Scanner(System.in);

        System.out.println("Program by Manasa\n Java1\nSAP:51834754");

        System.out.println("Enter the size of array :");
```

```
int size=sc.nextInt();
while(size<1)
{
    System.out.println("Enter a valid size : ");
    size=sc.nextInt();
}
int arr[]=new int[size];
int arr2[]=new int[size];
System.out.println("Enter "+size+" elements :");
for(int i=0;i<size;i++)
{
    arr[i]=sc.nextInt();
}
for(int i=0;i<size;i++)
{
    int rev=0;
    int temp=arr[i];
    while(temp>0)
    {
        rev=rev*10+(temp%10);
        temp=temp/10;
    }
    if(rev==arr[i])
    {
        arr2[k++]=arr[i];
    }
}
```

```
    for(int j=i;j<size-1;j++)
    {
        arr[j]=arr[j+1];
    }
    size--;
    i--;
}
}
for(int i=0;i<size;i++)
{
    System.out.print(arr[i]+" ");
}
System.out.print("\nPal : ");
for(int i=0;i<k;i++)
{
    System.out.print(arr2[i]+" ");
}
}
}
```

```
× Terminal
Program by Manasa
Java1
SAP:51834754
Enter the size of array :
5
Enter 5 elements :
12
56
7
8
9
12 56
Pal : 7 8 9
Process finished.
```

QUIZ MARKS :13