1)COMPOSITE

import java.util.\*;

class count{

public static void main(String args[])

{

try{

int i,j,m=0,flag=0,prime=0,composite=0,n,count;

Scanner s= new Scanner(System.in);

System.out.println("enter how many numbers");

count=s.nextInt();

System.out.println("enter numbers:");

for(j=0;j<count;j++)

{

n=s.nextInt();

m=n/2;

if(n==0||n==1){

prime=prime+1 ;

}

else

{

for(i=2;i<=m;i++)

{

if(n%i==0){

composite=composite+1 ;

flag=1;

break;

}

}

if(flag==0)

{

prime=prime+1;

}

}

}

System.out.println("number of composite:"+composite);

}

catch(Exception e){

System.out.println("invalid input");

}

}

}

OUTPUT:

