J cheran kumar

Java 1

Sap id : 51834769

Answers.....

3)

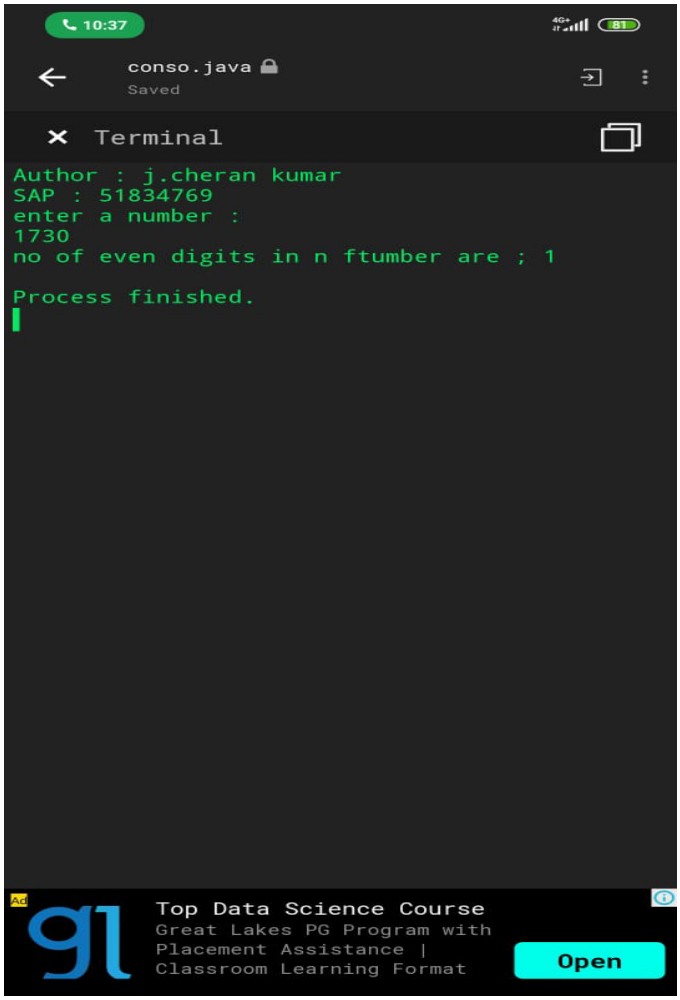
```
import java.util.*;
public class Abs
{
  public static void main (String[] args)
  {
    System.out.println("Author : j.cheran kumar");
    System.out.println("SAP : 51834769");
    int count=0;
    int rem=0 ;
    Scanner sc=new Scanner(System.in);
    System.out.println("enter a number :");
    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 n ftumber are ;"+count);

  }
}
```

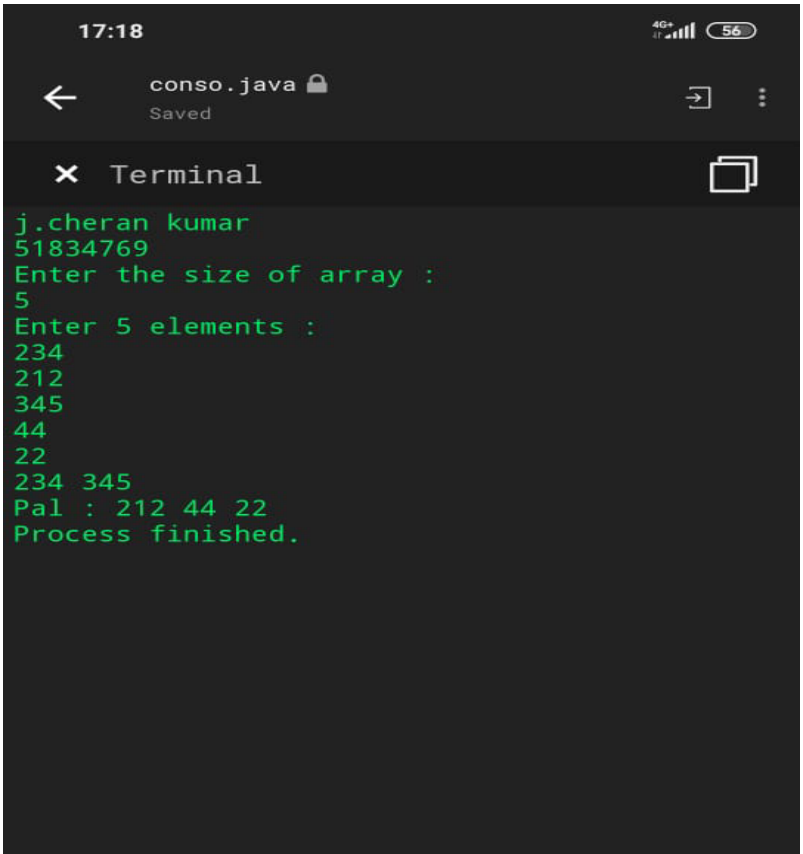
Output:-----



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("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]+" ");
    }
  }
}
```

Output :---