

J cheran kumar

Java 1

Sap id : 51834769

Answers.....

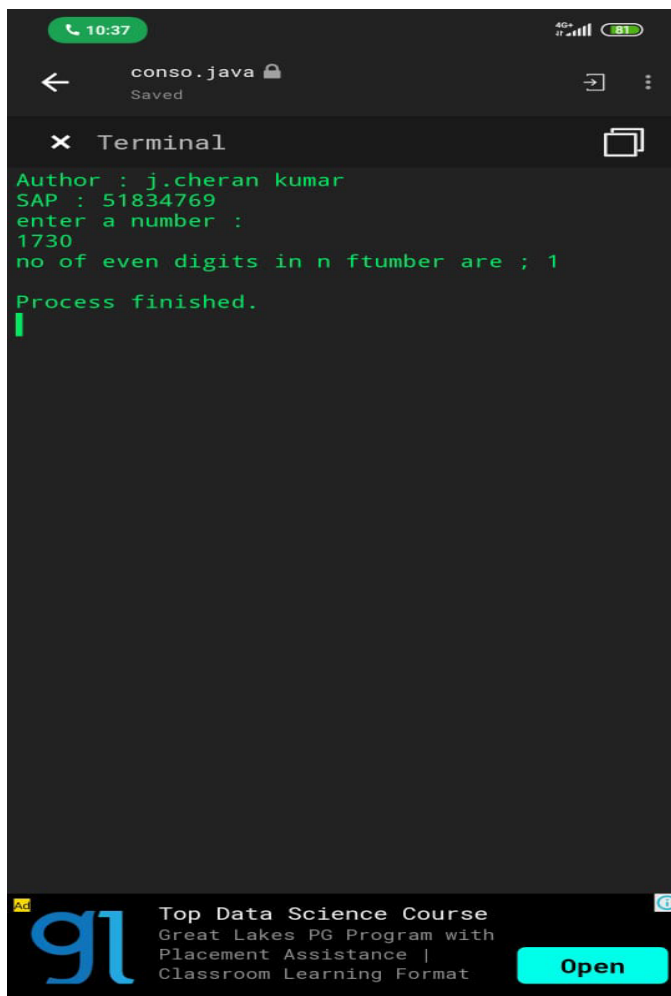
3)

```
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:-----



The screenshot shows a mobile terminal application interface. At the top, the status bar displays the time 10:37, 4G+ signal, and 81% battery. The app title is 'conso.java' with a lock icon and 'Saved' text. Below the title bar, there's a 'Terminal' header with a close button and a window icon. The terminal content shows the following text: 'Author : j.cheran kumar', 'SAP : 51834769', 'enter a number :', '1730', 'no of even digits in n ftumber are ; 1', and 'Process finished.' followed by a green cursor. At the bottom, there is an advertisement for 'Top Data Science Course' by 'Great Lakes PG Program' with an 'Open' button.

```
10:37 4G+ 81%  
conso.java Saved  
Terminal  
Author : j.cheran kumar  
SAP : 51834769  
enter a number :  
1730  
no of even digits in n ftumber are ; 1  
Process finished.  
|
```

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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];

        }

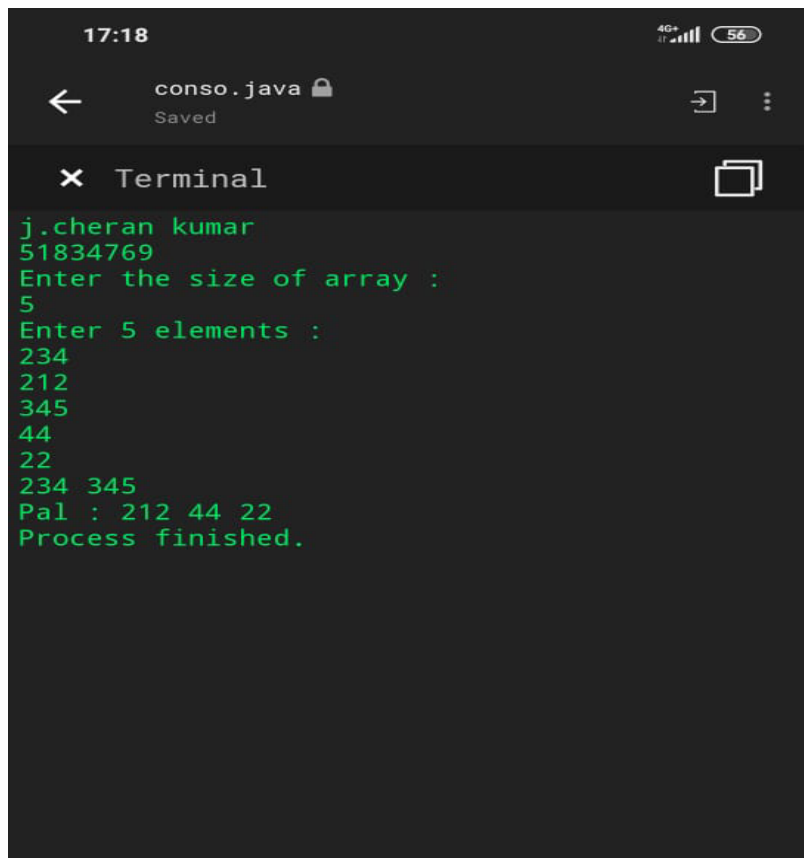
        size--;

        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 :---
```



The screenshot shows a mobile terminal application interface. At the top, the status bar displays the time 17:18, 4G+ network, and 56% battery. Below the status bar is a header bar with a back arrow, the filename 'conso.java' with a lock icon, and a 'Saved' status. To the right of the header are icons for sharing and a menu. The main area is titled 'Terminal' with a close button (X) and a window icon. The terminal output is as follows:

```
j.cheran kumar  
51834769  
Enter the size of array :  
5  
Enter 5 elements :  
234  
212  
345  
44  
22  
234 345  
Pal : 212 44 22  
Process finished.
```

