J cheran kumar

Java 1

Sap id : 51834769

Answers.....

2)

import java.util.*;

public class Main

{

  public static void main(String[] args)

   {

    int n, a = 0, b = 0;

    Scanner s = new Scanner(System.in);

    System.out.println("Author:J. Cheran kumar\nSAP ID:51834769");

    System.out.print("Enter no. of elements you want in array:");

    n = s.nextInt();

```java
int x[] = new int[n];

int odd[] = new int[n];

int even[] = new int[n];

System.out.println("Enter all the elements:");

for(int y = 0; y < n; y++)

{

    x[y] = s.nextInt();

}

for(int y = 0; y < n; y++)

{

    if(x[y] % 2 != 0)

    {
```

```
            odd[a] = x[y];

            a++;

        }

        else

        {

            even[b] = x[y];

            b++;

        }

    }

System.out.print("Odd:");

if(a > 1)

{

    for(int y = 0;y < (a-1); y++)
```

```java
    {

        System.out.print(odd[y]+",");

    }

    System.out.print(odd[a-1]);

}

else

{

    System.out.println("No number");

}

System.out.println("");

System.out.print("Even:");

if(b > 1)
```

```java
        {

            for(int y = 0; y < (b-1); y++)


            {



                System.out.print(even[y]+",");



            }



            System.out.print(even[b-1]);



        }



        else



        {



            System.out.println("No number");



        }


    }


}
```
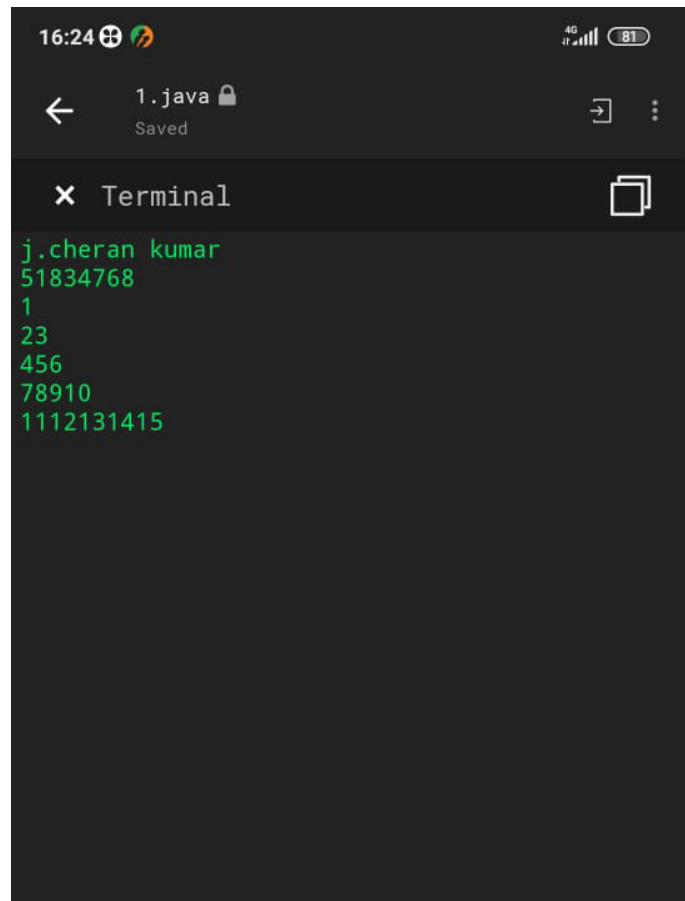
4)

public class Main

{

   public static void main (String[] args) {

    System.out.println("Author:J. Cheran kumar\nSAP ID:51834769");

    int A=1;

    for (int b=1;b<=5;b++)

    {

      for (int c=1;c<=b;c++)

      {

        System.out.print(A);

        A++;

      }

      System.out.println();

    }

   }

}

5)

```java
import java.util.Scanner;

public class Main

{

    public static void main(String[] args)

    {

        int c;

        String temp;

        Scanner s = new Scanner(System.in);

        System.out.println("Author:J. Cheran kumar\nSAP ID:41834769");
        System.out.print("Enter number of words you want to enter:");

        c = s.nextInt();
```

```java
String names[] = new String[c];

Scanner s1 = new Scanner(System.in);

System.out.println("Enter all the words line by line:");

for(int a = 0; a < c; a++)

{

    names[a] = s1.nextLine();

}

for (int a = 0; a < c; a++)

{

    for (int b = a + 1; b < c; b++)

    {

        if (names[a].compareTo(names[b])>0)
```

```java
    {

        temp = names[a];

        names[a] = names[b];

        names[b] = temp;

    }

}

System.out.print("words in Sorted Order line:");

for (int a = 0; a < c - 1; a++)

{

  System.out.print(names[a] + " ");

}

System.out.print(names[c - 1]);
```
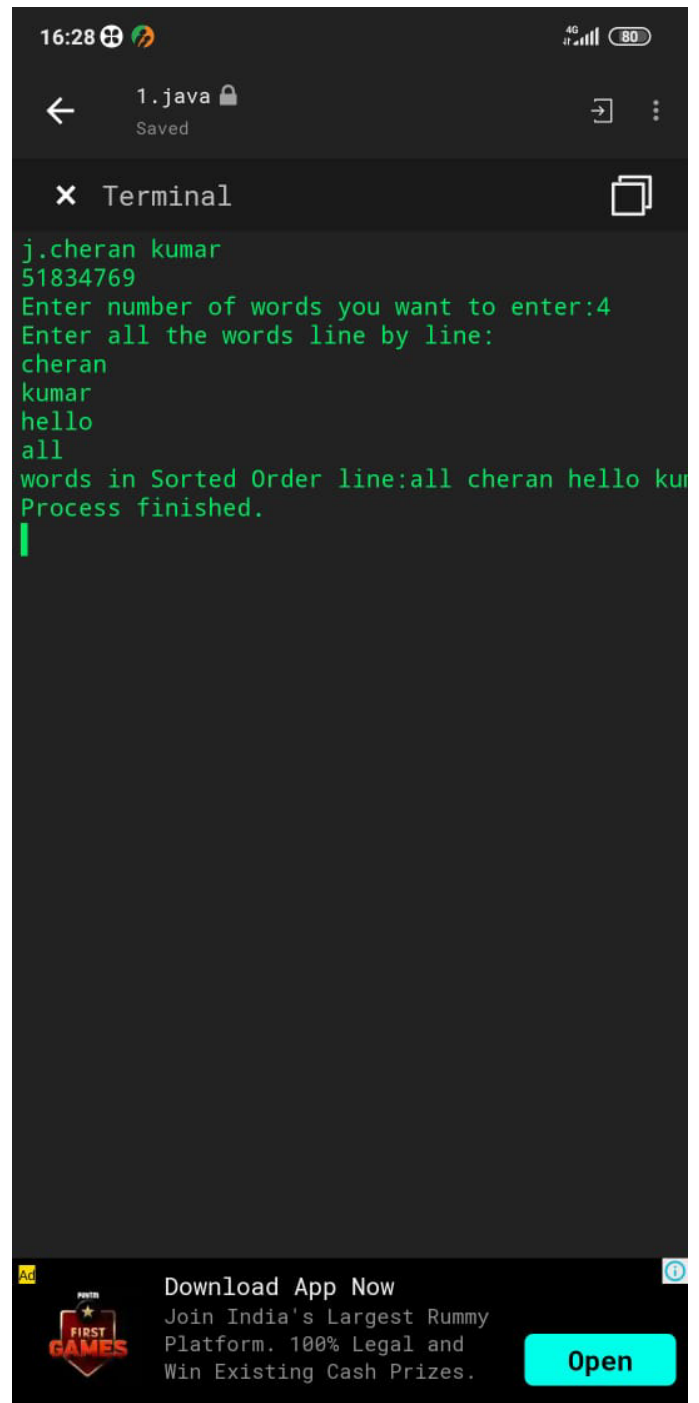
```
                }


                }
```

Marks : 18

: 9 %