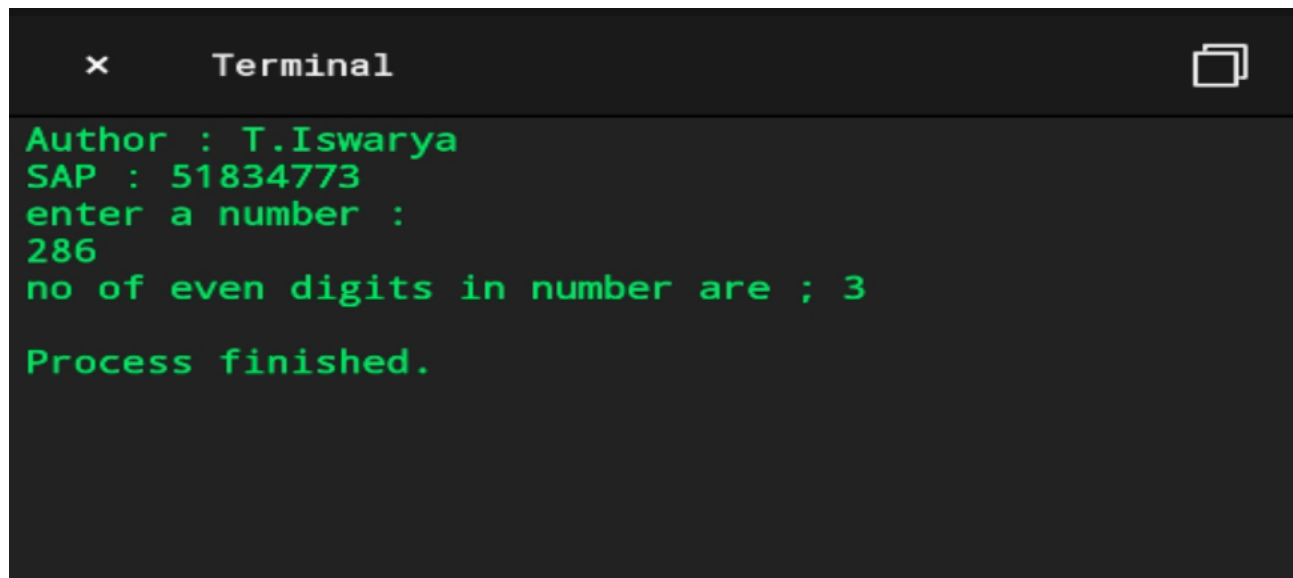# Question 3:

```java
import java.util.*;

public class Abs
{
  public static void main (String[] args)
  {
    System.out.println("Author : T.Iswarya");

    System.out.println("SAP : 51834773");

    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 number are ; "+count);


  }
}
```

```
×        Terminal                      ⬚

Author : T.Iswarya
SAP  : 51834773
enter a number :
286
no of even digits in number are ; 3

Process finished.
```

Question 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();

```java
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)
  {
```

```java
          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]+" ");

    }
```

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

```
Enter the size of array :
6
Enter 6 elements :
23
4
72
5
12
13
23 72 12 13
Pal : 4 5
Process finished.
```