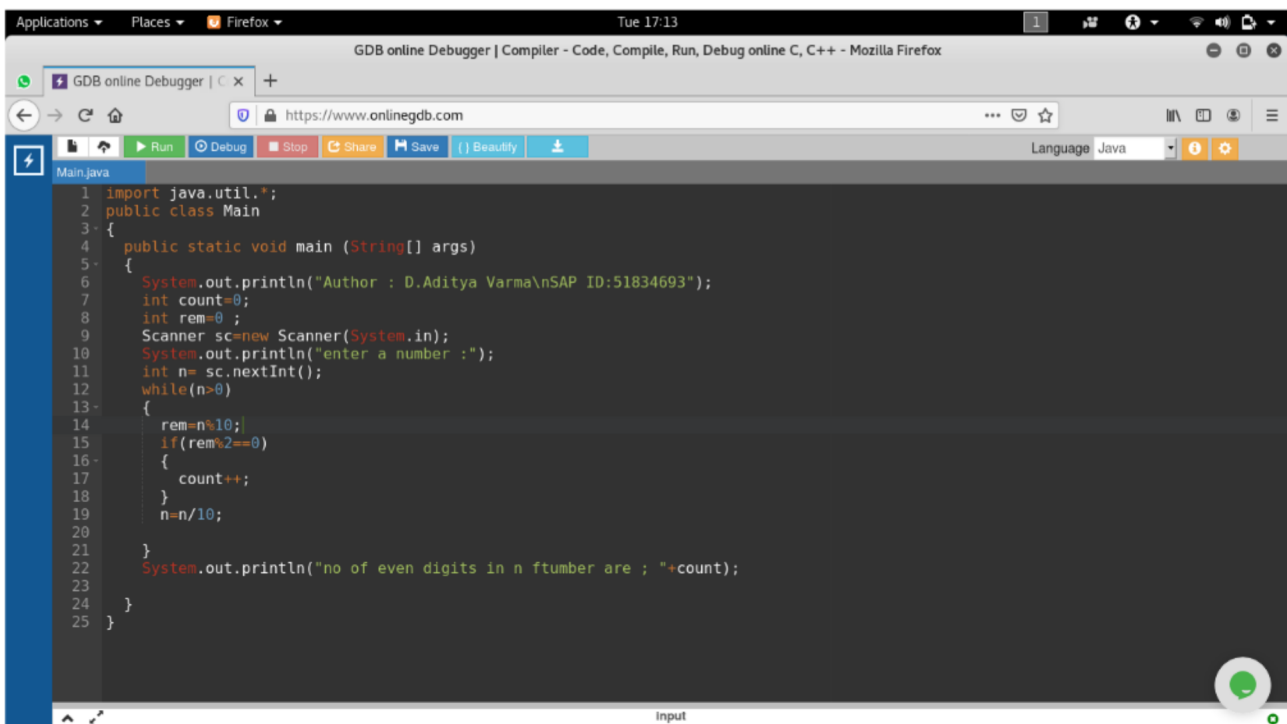


3)

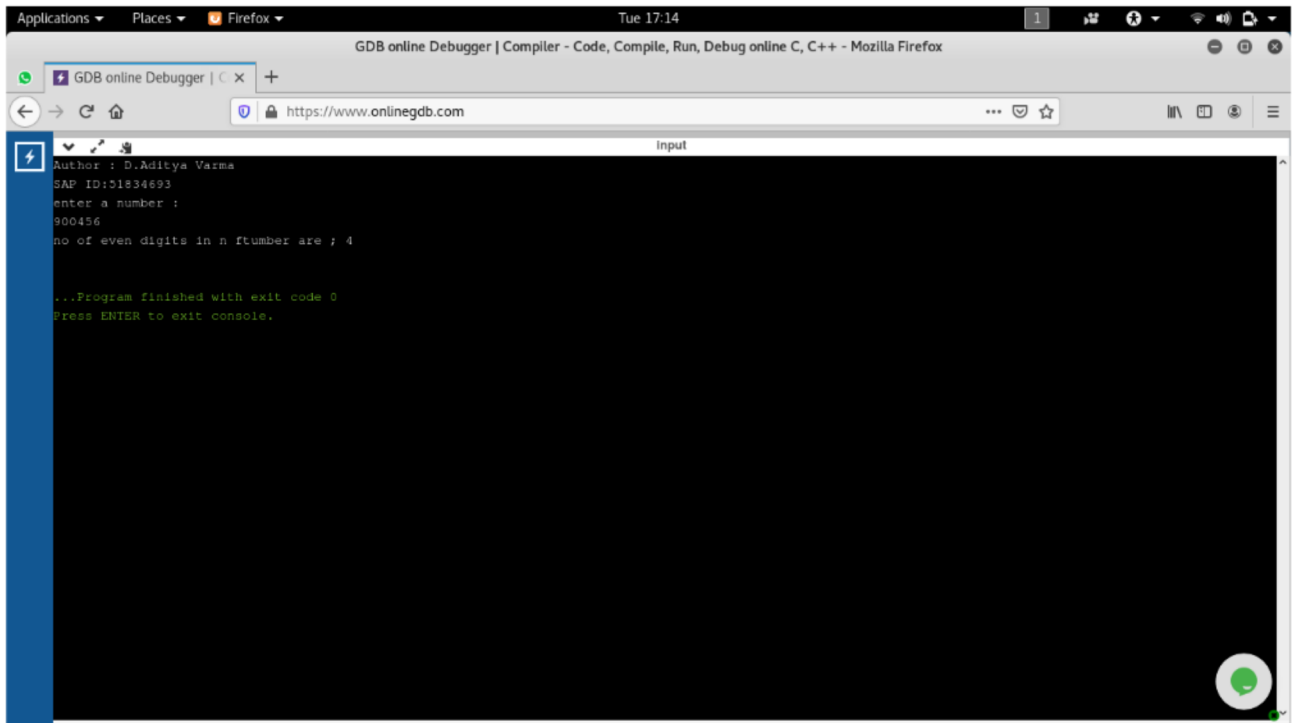
```
import java.util.*;
public class Main
{
    public static void main (String[] args)
    {
        System.out.println("Author : D.Aditya Varma\nSAP ID:51834693");
        int count=0;
        int rem=0 ;
        Scanner sc=new Scanner(System.in);
        System.out.println("enter a number :");
        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);
    }
}
```

input:



The screenshot shows the GDB online Debugger interface in a Mozilla Firefox browser. The browser's address bar displays the URL <https://www.onlinegdb.com>. The interface includes a toolbar with buttons for Run, Debug, Stop, Share, Save, and Beautify. The main area displays the Java code from the previous block, with line numbers 1 through 25 on the left. At the bottom, there is an 'Input' field for providing test data. The code is syntax-highlighted, and the overall interface is clean and professional.

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);
```

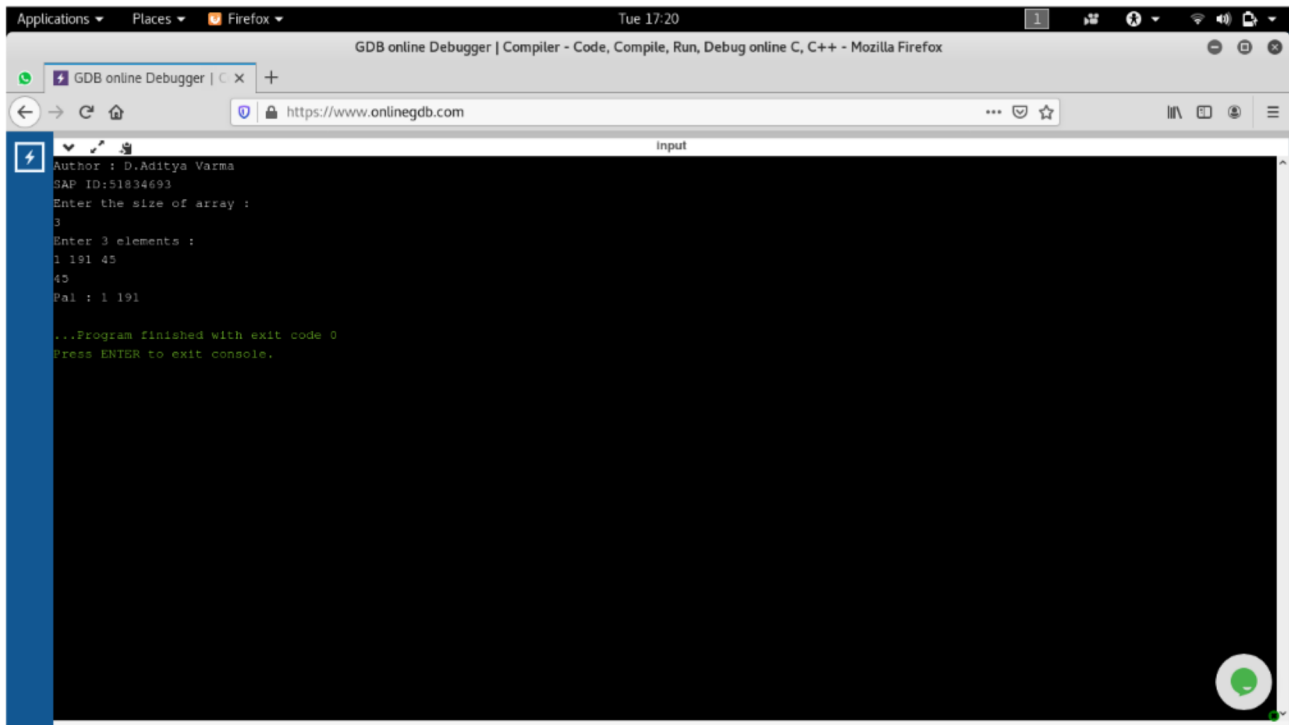
```

        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]+" ");
}
}
}

```

input:

output:



```
Author : D.Aditya Varma
SAP ID:51834693
Enter the size of array :
3
Enter 3 elements :
1 191 45
45
Pal : 1 191

...Program finished with exit code 0
Press ENTER to exit console.
```