

② public class Main

```
{  
    public static boolean isPalindrome (string  
    string int low, int high  
    {
```

```
        if (low >= high) {
```

```
            return true;
```

```
        }
```

```
        if (string.charAt(low) != string.charAt(high)) {
```

```
            return false;
```

```
        }
```

```
        return isPalindrome (string, low+1, high-1);
```

```
    }
```

```
    public static void main (String[] args)
```

```
    {
```

```
        String string = "Renu";
```

```
        if (isPalindrome (string, 0, string.length() - 1))
```

```
        {
```

```

{
    System.out.println("author: Renu, SAP:-51834531")

    System.out.println("given string is palindromic");
}
else {
    System.out.println("given string is not
    Palindrome");
}
}
}

```

```

③ import java.util.*;
public class Main
{
    public static void main (String[] args)
    {
        System.out.println(" Renu, 51834531");

        int count=0;
        int rem=0;

        Scanner sc= new Scanner (System.in);

        System.out.println(" enter a number");

        int n=sc.nextInt();
    }
}

```



```
}
```

```
rem = n % 10;
```

```
if (rem % 2 != 0)
```

```
{
```

```
count++;
```

```
}
```

```
n = n / 10;
```

```
}
```

```
System.out.println("No. of odd digits in number are:  
+ Count);
```

```
1 public class Main
2 {
3     public static boolean isPalindrome(String string, int low, int high)
4     {
5         if (low >= high) {
6             return true;
7         }
8
9         if (string.charAt(low) != string.charAt(high)) {
10             return false;
11         }
12
13         return isPalindrome(string, low + 1, high - 1);
14     }
15
16     public static void main(String[] args)
17     {
18         String string = "madam";
19
20         if (isPalindrome(string, 0, string.length() - 1)) {
21             System.out.println("RENU \nSAP 51834531");
22             System.out.print("given String is Palindrome");
23         } else {
24             System.out.print("given String is Not Palindrome");
25         }
26     }
27 }
```

x Terminal



RENU  
SAP 51834531  
given String is Palindrome  
Process finished.



1 2 3 4 5 6 7 8 9 0

q w e r t y u i o p

a s d f g h j k l

↑ z x c v b n m ↵

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,



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```
1 import java.util.*;
2 public class Main
3 {
4     public static void main (String[] args)
5     {
6         System.out.println("Author Renu 51843531");
7         int count=0;
8         int rem=0 ;
9         Scanner sc=new Scanner(System.in);
10        System.out.println("enter a number :");
11        int n= sc.nextInt();
12        while(n>0)
13        {
14            rem=n%10;
15            if(rem%2!=0)
16            {
17                count++;
18            }
19            n=n/10;
20        }
21        System.out.println("no of odd digits in number are ; "+count);
22    }
23 }
24 }
25 }
```

× Terminal



Author Renu 51843531  
enter a number :  
70325  
no of odd digits in number are ; 3

Process finished.



1 2 3 4 5 6 7 8 9 0

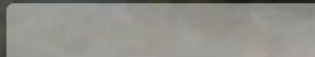
q w e r t y u i o p

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