```java
public class Main
{
  public static boolean isPalindrome(String string, int
  {
    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 = "madam";

    if (isPalindrome(string, 0, string.length() - 1)) {
      System.out.println("Name: T.pravallika sapid: 5183
      System.out.print("given String is Palindrome");
    } else {
      System.out.print("given String is Not Palindrome")
    }
  }
}
```

Terminal

```
Name: T.pravallika sapid: 51834742
given String is Palindrome
Process finished.
```

```java
import java.util.*;
public class Main
{
  public static void main (String[] args)
  {
    System.out.println("Name:T.pravallika sapid: 5183474;
    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 odd digits in number are ;

  }
}
```

Terminal

```
Name:T.pravallika sapid: 51834742
enter a number :
8974
no of odd digits in number are ; 2

Process finished.
```