

## 1.palindrome or not

```
import java.util.*;
class Palindrome
{
    String string, reverse = "";

    public static void main(String args[])
    {
        new Palindrome().callInput();
    }

    void callInput()
    {
        Scanner scan = new Scanner(System.in);
        System.out.println("Enter a string : ");
        string = scan.nextLine();
        int length = string.length();
        forAndIfCond(length);

    }

    void forAndIfCond(int length)
    {
        for ( int i = length - 1; i >= 0; i-- )
            reverse = reverse + string.charAt(i);
        if (string.equals(reverse))
            System.out.println("Entered string is a
palindrome.");
        else
            System.out.println("Entered string isn't a
palindrome.");
    }
}
```

## 2.using mySplit method

```
import java.util.Scanner;
public class SplitString{

    public static void main(String[] args) {
        new SplitString().callInput();
    }

    void callInput()
    {
        Scanner sc= new Scanner(System.in);
        System.out.println("Enter the String you
want to Split");
        String toBeSplitted= sc.nextLine();
        System.out.println("Enter a char you want
to split after");
        String breakAt=sc.nextLine();
        String
[]value=mySplit(toBeSplitted,breakAt);
        System.out.println("Splitted strings are
:");

        for(String v : value) {
            System.out.println(v);
        }
    }

    static String[] mySplit(String
toBeSplitted,String breakAt)
    {
        int splitCount=0;
        int size=toBeSplitted.length();
```

```

        for(int c=0;c<=size-2;c++)
        {

if(toBeSplitted.charAt(c)==breakAt.charAt(0))
            splitCount++;

        }


        if(splitCount==0) {
            System.out.println("String cannot be
Splitted..Please enter a string which is present in
Given String");
            System.exit(0);}


        String []values = new String[splitCount+1];int
j=0;
        int index=0;

        for (int i=0; i<size-1;i++)
        {

if(toBeSplitted.charAt(i)==breakAt.charAt(0)) {

values[j++]=toBeSplitted.substring(index, i);
            index=i+1;
        }
        }
        values[j]=toBeSplitted.substring(index, size);
return values;

    }}

```

