**1.All Methods Of String**

package com.string;

public class TestString

{

public static void main(String[] args)

{

String name="Prathamesh";

String name1=new String ("Vijay");

char ch[]= {'p','r','a','t','h','a','m'};

String name2=new String(ch);

String name3="prathamesh";

int a=30;

name=name.concat(" Shinde");

String p1="Shilpa";

String p2="Pratiksha";

String p3="Onkar";

String p4=" Prathamesh ";

String name4[]= {"Ajay","Vijay","Sanjay"};

String str="Study Tonight";

System.out.println(name+ " "+name1+" "+name2+" ");

System.out.println(name);

if(name.equals(name3))

System.out.println("Equals:");

else

System.out.println("Not equal:");

System.out.println(name==name3);

if(name.equalsIgnoreCase(name3))

System.out.println("Equals:");

else

System.out.println("Not equal:");

System.out.println(name==name3);

System.out.println(p1.compareTo(p2));

System.out.println(p2.compareTo(p3));

System.out.println(p1.compareTo(p4));

System.out.println(p2.compareTo(p4));

System.out.println(p4.substring(3));

System.out.println(p4.substring(2,5));

System.out.println(p4.toUpperCase());

System.out.println(p4.toLowerCase());

System.out.println(p4.trim());

System.out.println(p4.startsWith("pra"));

System.out.println(p4.endsWith("h"));

for (int i = 0; i < name4.length; i++)

{

System.out.println(name4[i].length());

}

System.out.println(str.indexOf('u'));

System.out.println(str.indexOf('T', 3));

String substring="Ton";

System.out.println(str.lastIndexOf(substring));

System.out.println(str.indexOf(substring, 7));

System.out.println(p4.charAt(7));

System.out.println(p4.intern());

String s=String.valueOf(a);

System.out.println(s+20);

}

}