**String inbuilt function in java**

**package** javaexperiments;

**public** **class** StringDemo {

**public** **static** **void** main(String[] args) {

// **TODO** Auto-generated method stub

//1. CharAt() Method

String s="Tanuja Randave";

System.***out***.println("index at position 3:"+s.charAt(2));

// 2. contains ()

//section 1

String a="Tanu";

String b="tanu";

System.***out***.println("Result="+a.contains(b));

//section

String a1="Tanu";

String b1="Tanu";

System.***out***.println("Result="+a1.contains(b1));

// 3.equals ()

//section 1

String a3="Tanu";

String b3="tanu";

System.***out***.println("Result="+a3.equals(b3));

//section 2

String a4="Tanu";

String b4="Tanu";

System.***out***.println("Result="+a4.contains(b4));

// 4. equalsIgnoreCase ()

//section 1

String a5="Tanu";

String b5="tanu";

System.***out***.println("Result="+a5.equalsIgnoreCase (b5));

//section 2

String a6="Tanu";

String b6="Tanu";

System.***out***.println("Result="+a6.equalsIgnoreCase (b6));

// 5.isEmpty()

String a7="Tanu";

String a8="";

System.***out***.println("a7 string isEmpty:"+a7.isEmpty());

System.***out***.println(" a8 string isEmpty:"+a8.isEmpty());

// 6.length()

String name="";

String name1="Tanuja Randave";

String name2="Tanuja";

System.***out***.println("length of name variable:"+name.length());

System.***out***.println(" length of name1 variable:"+name1.length());

System.***out***.println(" length of name2 variable:"+name2.length());

//7. replaceAll()

String tanu="ABC ABC ABC";

System.***out***.println("at ab replace with tr :"+tanu.replaceAll("AB","tr"));

// 8. toCharArray()

//1.

String tr="ABC ABC ABC";

**char**[] t=tr.toCharArray();

System.***out***.println("result="+t);

//2.

String s12="hello";

**char**[] ch=s12.toCharArray();

**for**(**int** i=0;i<ch.length;i++){

System.***out***.print(ch[i]);

}

//9. subString()

String aa="ABCABC ABC";

System.***out***.println("\n "+aa.substring(2));

System.***out***.println(aa.substring(2,5));

//10. split()

//1.

String ss="Tanuja ";

String[] tr1=ss.split("a");

System.***out***.println(tr1);

//2.

String str = "geekss2for2geekss";

String[] tr3 = str.split("2", 2);

**for** (String a13 : tr3)

System.***out***.println(a13);

//11.toString

String tr11="ABC ABC ABC";

System.***out***.println("\n "+tr11.toString());

//12.toLowerCase

String tr12="ABC abc ABC";

System.***out***.println("\n "+tr12.toLowerCase());

//13.toLowerCase

String tr13="ABC abc ABC";

System.***out***.println("\n "+tr13.toUpperCase());

}

}