**Stringclass.java:-**

package strings;

/\*\*

\* @author Lakshman

\*/

public class stringclass {

public static void main(String[] args) {

String s1="A book on java";

String s2=new String("i like it");

char arr[]={'R','a','o','&','N','a','i','d','u','e','n','g','c','o','l','l','e','g','e'};

String s3=new String(arr);

System.out.println(s1);

System.out.println(s2);

System.out.println(s3);

System.out.println("lenght of s1:"+s1.length());

System.out.println("s1 and s2 joined: "+s1.concat(s2));

System.out.println(s1 +" from " + s3);

boolean x=s1.startsWith("A");

if(x)

System.out.println("s1 starts with \'A\'");

else System.out.println("s1 doesn't starts with \'A\'");

String p=s1.substring(0,7);

String q=s3.substring(0,9);

System.out.println(p+q);

System.out.println("s1 upper case:"+s1.toUpperCase());

System.out.println("s3 lower case:"+s3.toLowerCase());

}

}

**Copystringtoarray.java:-**

**package** strings;

/\*\*

\* **@author** Lakshman

\*

\*/

**public** **class** copystringtoarray {

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

String str="hello, this is a book on java";

**char** arr[]=**new** **char**[14];

str.getChars(7, 21, arr, 0);

System.*out*.println(arr);

}

}

**Immutability.java:-**

package strings;

/\*\*

\* @author Lakshman

\*/

public class immutability {

public static void main(String[] args) {

String s1="data";

String s2="base";

s1=s1+s2;

System.out.println(s1);

} }

**StringComparison.java:-**

**package** strings;

/\*\*

\* @author Lakshman

\*

\*/

**public** **class** StringComparison {

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

String s1="hi";

String s2=**new** String("hi");

**if**(s1==s2)

System.*out*.println("both are same");

**else**

System.*out*.println("not same");

**if**(s1.equals(s2))

System.*out*.println("both are same");

**else**

System.*out*.println("not same");

}

}

Stringsplit.java:-

package strings;

public class stringsplit {

public static void main(String[] args) {

String str="hello, this is a book on java";

String s[];

s=str.split(" ");

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

System.out.println(s[i]);

}

}

}

**Stringbuffermethods.java:-**

package strings;

import java.io.BufferedReader;

import java.io.IOException;

import java.io.InputStreamReader;

/\*\*

\* @author Lakshman

\*

\*/

public class stringbuffermethods {

public static void main(String[] args) throws IOException {

StringBuffer sb=new StringBuffer();

BufferedReader br=new BufferedReader(new InputStreamReader(System.in));

System.out.println("enter the surname");

String sur=br.readLine();

System.out.println("enter the middlename");

String mid=br.readLine();

System.out.println("enter the lastname");

String last=br.readLine();

sb.append(sur);

sb.append(last);

System.out.println("name="+sb);

int n=sur.length();

sb.insert(n,mid);

System.out.println("full name="+sb);

System.out.println("reverse is="+sb.reverse());

}

}

**Palindrome.java:-**

package strings;

import java.io.BufferedReader;

import java.io.IOException;

import java.io.InputStreamReader;

/\*\*

\* @author Lakshman

\*/

public class palindrome {

public static void main(String[] args) throws IOException {

BufferedReader br=new BufferedReader(new InputStreamReader(System.in));

System.out.println("enter a string:");

String str=br.readLine();

String temp=str;

StringBuffer sb=new StringBuffer(str);

sb.reverse();

str=sb.toString();

if (temp.equalsIgnoreCase(str)) {

System.out.println(temp+ ":is palindrome");

}else

System.out.println(temp+ ":is not a palindrome"); {}}} @end of String concepts@