***1.compare two string***

import java.util.\*;

public class CompareToExample2

{

public static void main(String args[])

{

String str ;

Scanner sc=new Scanner(System.in);

System.out.println("Enter 2 string");

String s1=sc.nextLine();

String s2=sc.nextLine();

if(s1.compareTo(s2)==0)

System.out.println("both are equlas");

else if(s1.compareTo(s2)>0)

System.out.println(s1+"greater than "+s2);

else

System.out.println(s2 + " less than " + s1);}

}

***Output:***

Enter 2 string

meena

riya

riya less than meena

***2.java program of compare string using equalsToIgnoreCase***

import java.util.Scanner;

public class Main {

public static void main(String[] args) {

Scanner scanner = new Scanner(System.in);

System.out.print("Enter first string: ");

String str1 = scanner.nextLine();

System.out.print("Enter second string: ");

String str2 = scanner.nextLine();

if (str1.equalsIgnoreCase(str2)) {

System.out.println("Strings are equal (ignoring case)");

} else {

System.out.println("Strings are not equal (ignoring case)");

}

}

}

***Output:***

Enter first string: vaishu

Enter second string: Vaishu

Strings are equal (ignoring case)

***3.java program using boolean equals(String)***

import java.util.Scanner;

public class Main

{

public static void main(String args[])

{

Scanner sc=new Scanner(System.in);

System.out.println("Enter 2 string");

String s1=sc.nextLine();

String s2=sc.nextLine();

if(s1.equals(s2)==true)

System.out.println("both are equlas");

else

System.out.println("both are not equlas");

}

}

***Output:***

Enter 2 string

minal

radha

both are not equals

***4. java program using compareEqualsToIgnorecase***

import java.util.Scanner;

public class Main {

public static void main(String[] args) {

Scanner scanner = new Scanner(System.in);

System.out.print("Enter first string: ");

String str1 = scanner.nextLine();

System.out.print("Enter second string: ");

String str2 = scanner.nextLine();

int result = str1.compareToIgnoreCase(str2);

if (result == 0) {

System.out.println("Strings are equal (ignoring case)");

} else if (result < 0) {

System.out.println("First string is less than second string (ignoring case)");

} else {

System.out.println("First string is greater than second string (ignoring case)");

}

}

}

***Output:***

Enter first string: radha

Enter second string: Radhaa

First string is less than second string (ignoring case)

***5. Accept user name & password from user & check whether valid or not.also check validations.***

***1)user name should be blank***

***2)password name should be blank***

***3)invalid user name or psw***

***4) login successfully***

import java.util.Scanner;

public class Main {

public static void main(String[] args) {

{

Scanner sc=new Scanner(System.in);

System.out.println("Enter username & psw");

String s1=sc.nextLine();

String s2=sc.nextLine();

if(s1.equals("")==true)

System.out.println("enter User name ");

else if(s2.equals("")==true)

System.out.println("enter PSW");

else if(s1.equals("admin")==true && s2.equals("1234")==true)

System.out.println("Login success");

else

System.out.println("Login Unsuccess");

}

}

}

***Output:***

Enter username & psw

admin

1234

Login success

***6.java program of string concat.***

import java.util.Scanner;

public class Main {

public static void main(String args[]){

Scanner sc=new Scanner(System.in);

System.out.println("Enter 2 string");

String s1=sc.next();

String s2=sc.next();

s1=s1.concat(s2);

System.out.println("Concatenated String="+s1);

s1=s1.concat(" is immutable so assign it explicitly");

System.out.println(s1);

}

}

***Output:***

Enter 2 string

ganapti

bappa

Concatenated String=ganaptibappa

ganaptibappa is immutable so assign it explicitly

***7. Accept 2 string from user if s1>s2 then s2 is concatenate at the end of s1 and***

***if s2>s1 then s1 is concatenate at the end of s2***

***other wise print msg(with ignoring case)compareToIgnoreCase(),concat()***

import java.util.Scanner;

public class Main {

public static void main(String[] args) {

Scanner scanner = new Scanner(System.in);

System.out.print("Enter first string: ");

String s1 = scanner.nextLine();

System.out.print("Enter second string: ");

String s2 = scanner.nextLine();

int result = s1.compareToIgnoreCase(s2);

if (result > 0) {

System.out.println(s1.concat(s2));

} else if (result < 0) {

System.out.println(s2.concat(s1));

} else {

System.out.println("Both strings are equal (ignoring case)");

}

}

}

***Output:***

Enter first string: radha

Enter second string: krishna

Radhakrishna

***8.java program using contains(String ) .***

import java.util.Scanner;

public class Main {

public static void main(String[] args) {

Scanner sc=new Scanner(System.in);

System.out.println("Enter 1 string");

String str=sc.next();

System.out.println("Enter 2 string which u want to check");

String str1=sc.next();

if(str.contains(str1))

{

System.out.println(str1+" is contains in "+str);

}

else

System.out.println(str1+" is not contains in "+str);

}

}

***Output:***

Enter 1 string

gaurishankar

Enter 2 string which u want to check

gauri

gauri is contains in gaurishankar

***9. Accept 1 string from user & check whether "india" string present or not if present then print msg***

***"i like my country india"***

***otherwise print msg***

import java.util.Scanner;

public class Main {

public static void main(String[] args) {

Scanner scanner = new Scanner(System.in);

System.out.print("Enter a string: ");

String input = scanner.nextLine();

if (input.toLowerCase().contains("india")) {

System.out.println("I like my country India");

} else {

System.out.println("India not found in the input string");

}

}

}

***Output:***

Enter a string: India

I like my country India

***10.java program using startwith and endwith***

import java.util.Scanner;

public class Main {

public static void main(String[] args) {

Scanner sc=new Scanner(System.in);

System.out.println("Enter 1 string");

String str=sc.next();

System.out.println("Enter 2 string which u want to check");

String str1=sc.next();

if(str.startsWith(str1))

System.out.println("String starts with "+str1);

else

System.out.println("String not starts with "+str1);

if(str.endsWith("."))

System.out.println("String ends with fullstop");

else

System.out.println("String not ends with fullstop ");

}

}

***Output:***

Enter 1 string

lakshminarayan

Enter 2 string which u want to check

narayan

String not starts with narayan

String not ends with fullstop

***11. Accept website url address from user & check whether it is valid or not***

***http://www.google.com***

import java.util.Scanner;

public class Main {

public static void main(String[] args) {

Scanner scanner = new Scanner(System.in);

System.out.print("Enter a website URL: ");

String url = scanner.nextLine();

if (url.startsWith("http://") || url.endsWith(".com")) {

System.out.println("Valid URL");

} else {

System.out.println("Invalid URL");

}

}

}

***Output:***

Enter a website URL: https://www.google.com

Valid URL