Program:3 Leelavathi Bellam

import java.util.Arrays;

public Class Anagram

{

public static void main(String[] args)

{

String s1="tac";//We consider two strings here

String s2="act";

//converting to lower case

s1=s1.toLowerCase();

s2=s2.toLowerCase();

if(s1.length()!=s2.length()) //we are going to check if the two strings length is equal or not

{

System.out.println("not anagram");

}

else{

//we are going to convert string to char

char[] c1=s1.toCharArray();

char[] c2=s2.toCharArray();

//we are going to change the order means sorting is taking place

Arrays.sort(c1);

Arrays.sort(c2);

if(Arrays.equals(c1,c2)==ture){

System.out.println("Anagram");

}

else{

System.out.println("Not Anagram");

}

}

}

}

Output:-

======

Anagram