Import java.util.\*;

// JAVA program to check if two strings

// are anagrams of each other

Import java.io.\*;

Import java.util.\*;

Class Dcoder {

Static int NO\_OF\_CHARS = 256;

/\* function to check whether two strings

Are anagram of each other \*/

Static boolean areAnagram(char str1[], char str2[])

{

// Create 2 count arrays and initialize

// all values as 0

Int count1[] = new int[NO\_OF\_CHARS];

Arrays.fill(count1, 0);

Int count2[] = new int[NO\_OF\_CHARS];

Arrays.fill(count2, 0);

Int I;

// For each character in input strings,

// increment count in the corresponding

// count array

For (I = 0; I < str1.length && I < str2.length;

I++) {

Count1[str1[i]]++;

Count2[str2[i]]++;

}

// If both strings are of different length.

// Removing this condition will make the program

// fail for strings like “aaca” and “aca”

If (str1.length != str2.length)

Return false;

// Compare count arrays

For (I = 0; I < NO\_OF\_CHARS; i++)

If (count1[i] != count2[i])

Return false;

Return true;

}

/\* Driver code\*/

Public static void main(String args[])

{

Char str1[] = (“silent”).toCharArray();

Char str2[] = (“listen”).toCharArray();

// Function call

If (areAnagram(str1, str2))

System.out.println(“The two strings are”

+ “anagram of each other”);

Else

System.out.println(“The two strings are not”

+ “ anagram of each other”);

}

}