C Program to read two Strings & Concatenate the Strings.

import java.util.Scanner;  
  
class Scratch {  
 public static void main(String[] args) {  
 Scanner obj = new Scanner(System.*in*);  
 String a = obj.next();  
 String b = obj.next();  
 String c = a+b;  
 System.*out*.println("Concatenated String is: "+c);  
 }  
}

C Program to Check if the Substring is present in the given String

import java.util.Scanner;  
  
class Scratch {  
 static int Substring(String s1, String s2) {  
 int m = s1.length();  
 int n = s2.length();  
  
 for (int i = 0;i<=n-m;i++){  
 int j;  
 for(j = 0; j<m;j++){  
 if (s2.charAt(i+j)!=s1.charAt(j)){  
 break;  
 }  
 }  
 if(j==m){  
 return i;  
 }  
 }  
 return -1;  
 }  
  
  
 public static void main(String[] args) {  
 Scanner obj = new Scanner(System.in);  
 String s1 = obj.next();  
 String s2 = obj.next();  
  
 int res = Substring(s1,s2);  
  
 if (res == -1)  
 System.out.println("Not present");  
 else  
 System.out.println("Present at index " + res);  
 }  
}

C Program to Accepts Two Strings & Compare them.

import java.util.Scanner;  
  
class Scratch {  
 public static void main(String[] args) {  
 Scanner obj = new Scanner(System.*in*);  
 String s1 = obj.next();  
 String s2 = obj.next();  
  
 if(s1.equals(s2)){  
 System.*out*.println("Strings are equal");  
 }  
 else {  
 System.*out*.println("They are not equal");  
 }  
  
 }  
}

C Program to Find the Length of a String without using the Built-in Function.

import java.util.Scanner;  
  
class Scratch {  
 public static void main(String[] args) {  
 Scanner obj = new Scanner(System.*in*);  
 String s = obj.next();  
 int count = 0;  
 for (char c1 : s.toCharArray())  
 count++;  
  
 System.*out*.println("The length is "+count);  
 }  
}

C Program to Check if a String is a Palindrome without using the Built-in Function.

class Scratch {  
 String reverse="";  
 void palindrome(String s){  
 for (int i = s.length()-1; i >=0 ; i--) {  
 reverse = reverse + s.charAt(i);  
 }  
 if(s.equals(reverse)){  
 System.*out*.println("It is a Palindrome");  
 }  
 else {  
 System.*out*.println("Not a Palindrome");  
 }  
 }  
 public static void main(String[] args) {  
 Scratch obj = new Scratch();  
 obj.palindrome("2002");  
 }  
}

C Program to Replace all the Characters by Lowercase.

import java.util.Scanner;  
  
class Scratch {  
 public static void main(String[] args) {  
 Scanner obj = new Scanner(System.*in*);  
 String s = obj.next();  
 System.*out*.println(s.toLowerCase());  
 }  
}

C Program to Replace Lowercase Characters by Uppercase & Vice-Versa.

import java.util.Scanner;  
  
class Scratch {  
 public static void main(String[] args) {  
 Scanner obj = new Scanner(System.*in*);  
 String s = obj.next();  
 for(int i=0;i<s.length();i++){  
 char ch = s.charAt(i);  
 if(Character.*isUpperCase*(ch)){  
 char ch1= Character.*toLowerCase*(ch);  
 System.*out*.println(ch1);  
 }  
 else if (Character.*isLowerCase*(ch)) {  
 char ch1= Character.*toUpperCase*(ch);  
 System.*out*.println(ch1);  
 }  
 }  
 }  
}

C Program to Count the Number of Vowels & Consonants in a Sentence.

import java.util.Scanner;  
  
class Scratch {  
 public static void main(String[] args) {  
 Scanner obj = new Scanner(System.*in*);  
 String s = obj.next();  
 s= s.toLowerCase();  
 int vCount = 0;  
 int cCount = 0;  
  
 for (int i = 0; i < s.length(); i++) {  
 char ch = s.charAt(i);  
 if (ch=='a'||ch=='e'||ch=='i'||ch=='o'||ch=='u'){  
 vCount++;  
 }  
 else if(ch >= 'a' && ch<='z') {  
 cCount++;  
 }  
 }  
 System.*out*.println("No of vowels is "+vCount);  
 System.*out*.println("No of consonants is "+cCount);  
 }  
}

C Program to Find the Largest & Smallest Word in a String.

class Scratch {  
 public static void main(String[] args) {  
 String string = "Hello how are you";  
 String word = "", small = "", large="";  
 String[] words = new String[100];  
 int length = 0;  
   
 string = string + " ";  
  
 for(int i = 0; i < string.length(); i++){  
 if(string.charAt(i) != ' '){  
 word = word + string.charAt(i);  
 }  
 else{  
 words[length] = word;  
 length++;  
 word = "";  
 }  
 }  
 small = large = words[0];  
  
 for(int k = 0; k < length; k++){  
 if(small.length() > words[k].length())  
 small = words[k];  
 if(large.length() < words[k].length())  
 large = words[k];  
 }  
 System.*out*.println("Smallest word: " + small);  
 System.*out*.println("Largest word: " + large);  
 }  
}

C Program to Remove given word from a String.

class Scratch {  
 public static void main(String[] args) {  
 String string = "Hello how are you";  
 String s = "are";  
 string = string.replaceAll(s,"");  
 System.*out*.println(string);  
 }  
}

C Program to Remove all Characters in Second String which are present in First String.

class Scratch {  
 public static void main(String[] args) {  
 String s1 = "Hello how are you";  
 String s2 = "are";  
 for (int i = 0; i < s2.length(); i++) {  
 char c = s2.charAt(i);  
 s1= s1.replaceAll(String.*valueOf*(c),"");  
 }  
 System.*out*.println(s1);  
 }  
}

C Program to Reverse every Word of given String.

class Scratch {  
 public static void main(String[] args) {  
 String s = "Hello how are you";  
 char ch[]=s.toCharArray();  
 String rev="";  
 for(int i=ch.length-1;i>=0;i--){  
 rev+=ch[i];  
 }  
 System.*out*.println(rev);  
 }  
}