1. String Reverse

import java.util.\*;

public class StringReverse{

public static void main(String []args){

System.out.println("Enter the strings ");

Scanner sc= new Scanner(System.in);

String s1=sc.nextLine();

String s2=sc.nextLine();

if(s1.equalsIgnoreCase(s2)){

char[] revArray = s1.toCharArray();

for (int i = revArray.length - 1; i >= 0; i--)

System.out.print(revArray[i]);

}

else

System.out.println("Reverse Not Supported");

}

}

1. Count uppercase and lowercase

import java.util.\*;

public class StringReverse{

public static void main(String []args){

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

Scanner sc= new Scanner(System.in);

String s1=sc.nextLine();

int upperCase = 0;

int lowerCase = 0;

char[] ch = s1.toCharArray();

for(char chh : ch) {

if(chh >='A' && chh <='Z') {

upperCase++;

} else if (chh >= 'a' && chh <= 'z') {

lowerCase++;

} else {

continue;

}

}

if(upperCase==lowerCase)

System.out.println("Equally ditributed ");

else

System.out.println("Uppercase characters = "+upperCase +"Lowercase characters = "+lowerCase);

}

}

1. Split string based on whitespaces.

import java.util.\*;

public class StringSplit{

public static void main(String []args){

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

Scanner sc= new Scanner(System.in);

String s1=sc.nextLine();

String[] splitArr = s1.split(" ");

String smallest = splitArr[0];

for (int i = 1; i < splitArr.length; i++)

{

if (splitArr[i].length() < smallest.length())

{

smallest = splitArr[i];

}

}

System.out.println("Smallest is "+smallest);

}

}

4.

import java.util.\*;

public class StringSplitSort{

public static void main(String []args){

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

Scanner sc= new Scanner(System.in);

String s1=sc.nextLine();

String[] splitArr = s1.split(" ");

Arrays.sort(splitArr);

System.out.println("String splitted and sorted in dictionary order \n "+Arrays.toString(splitArr));

}

}

5. String toggle

import java.util.\*;

public class StringToggle{

public static void main(String []args){

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

Scanner sc= new Scanner(System.in);

String s1=sc.nextLine();

System.out.println("Converted String:" + toggleString(s1));

}

public static String toggleString(String sentence) {

StringBuilder sb = new StringBuilder(sentence.length());

for (char letter : sentence.toCharArray())

{

if(Character.isUpperCase(letter))

{

letter = Character.toLowerCase(letter);

}

else if(Character.isLowerCase(letter))

{

letter = Character.toUpperCase(letter);

}

sb.append(letter);

}

return sb.toString();

}

}

1. Rotate String

import java.util.\*;

public class StringRotate{

static String antiClockWise(String str, int d)

{

String ans = str.substring(d) + str.substring(0, d);

return ans;

}

static String clockWise(String str, int d)

{

return antiClockWise(str, str.length() - d);

}

public static void main(String args[])

{

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

Scanner sc= new Scanner(System.in);

String s1=sc.nextLine();

int stringLength =0;

if(stringLength%2==0)

System.out.println(antiClockWise(s1,2));

else

System.out.println(clockWise(s1,2));

}

}

1. String merge

import java.util.\*;

public class StringMerge {

public static String merge(String s1, String s2)

{

StringBuilder result = new StringBuilder();

for (int i = 0; i < s1.length() || i < s2.length(); i++) {

if (i < s1.length())

result.append(s1.charAt(i));

if (i < s2.length())

result.append(s2.charAt(i));

}

return result.toString();

}

public static void main(String args[])

{

System.out.println("Enter the strings to merge ");

Scanner sc= new Scanner(System.in);

String s1=sc.nextLine();

String s2=sc.nextLine();

System.out.println(merge(s1,s2));

}

}

1. Min and Max occurance

import java.util.\*;

public class MinMaxOccurance {

public static void main(String args[])

{

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

Scanner sc= new Scanner(System.in);

String s1=sc.next();

int[] freq = new int[s1.length()];

char minChar = s1.charAt(0), maxChar = s1.charAt(0);

int i, j, min, max;

char[] string1 = s1.toCharArray();

for(i = 0; i < string1.length; i++) {

freq[i] = 1;

for(j = i+1; j < string1.length; j++) {

if(string1[i] == string1[j] && string1[i] != ' ' && string1[i] != '0') {

freq[i]++;

string1[j] = '0';

}

}

}

min = max = freq[0];

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

if(min > freq[i] && freq[i] != '0') {

min = freq[i];

minChar = string1[i];

}

if(max < freq[i]) {

max = freq[i];

maxChar = string1[i];

}

}

System.out.println("Minimum occurring character: " + minChar);

System.out.println("Maximum occurring character: " + maxChar);

}

}

1. Sort Characters in a string

import java.util.\*;

public class MinMaxOccurance {

public static void main(String args[])

{

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

Scanner sc= new Scanner(System.in);

String s1=sc.next();

char tempArray[] = s1.toCharArray();

Arrays.sort(tempArray);

System.out.println("Sorted String \n" + new String(tempArray));

System.out.println("Odd positioned characters");

for (int i = 0; i < tempArray.length; i = i+2) {

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

}

}

}

1. Age of string

import java.util.\*;

public class StringAge{

public static void main(String []args){

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

Scanner sc= new Scanner(System.in);

String s1=sc.nextLine();

char lastChar = s1.charAt(s1.length()-1);

int temp = (int)lastChar;

int lowerCase = 96;

int upperCsae = 64;

int age=0;

if(temp<=122 & temp>=97)

{

age=(temp-lowerCase)+s1.length();

System.out.print("String age = "+age);

}

else if(temp<=90 & temp>=65)

{

age=(temp-upperCsae)+s1.length();

System.out.print("String age = "+age);

}

}

}