1. Write a Python program to find words which are greater than given length k?

# Python program to find words which are greater than given length k?

# Declare a function which takes string and and length(k) as arguments

def fun(str1,k):

# declare empty string

str2 = []

text = str1.split(" ")

for x in text:

if(len(x)>k):

str2.append(x)

return str2

str = "Hello hi how r you"

# print the words which are greater than length 2

print(fun(str,2))

1. Write a Python program for removing i-th character from a string?

# Python program for removing i-th character from a string

# Declare a function to remove string character at a particular index

def removechar(string, i):

for j in range(len(string)):

if j == i:

string = string.replace(string[i], "")

return string

str1 = input("Enter a string")

i = int(input("Enter a character number you wish to remove from a string"))

# string character index starts from 0, hence i have given i-1

# if the 3rd character has to be removed, the index should be 2

print(removechar(str1,i-1))

1. Write a Python program to split and join a string?

# Python program to split and join a string

# split the string

# split() method splits a string into a list

str1 = input("enter any string value")

char1 = input("enter any character to split the string")

list1 = str1.split(char1)

# Print the list obtained from splitting the string

print(list1)

1. Write a Python to check if a given string is binary string or not?

# Python to check if a given string is binary string or not

# Declare some random string inputs

str1 = "0101001"

str2 = "0sg10eg"

str3 = "0101"

str4 = "00012"

# Define a function to check if string is binary or not

def checkstringbinary(str1):

for i in str1:

if i != '0' and i != '1':

text = (":Given string is not binary")

break

else:

text = (": Given string is binary")

return text

# Check with multiple inputs

print(str1, checkstringbinary(str1))

print(str2, checkstringbinary(str2))

print(str3, checkstringbinary(str3))

print(str4, checkstringbinary(str4))

1. Write a Python program to find uncommon words from two Strings?

# Python program to find uncommon words from two Strings

# Declare two strings

str1 = "abcx"

str2 = "xyza"

uncommon = set(str1).symmetric\_difference(str2)

print("Uncommon words from two strings are ",uncommon)

1. Write a Python to find all duplicate characters in string?

# Python to find all duplicate characters in string

# Declare some string input

str1 = "abcdac"

x = set()

# Define a function to check the duplicate characters in the string

def finddupcharstring(str1):

for i in str1:

count = 0

for j in str1:

if i == j:

count = count + 1

if count >= 2:

# add duplicate characters in a set variable x

x.add(i)

return x

# Check with multiple inputs

print(finddupcharstring(str1))

1. Write a Python Program to check if a string contains any special character?

# Python Program to check if a string contains any special character

# Declare some string input

import re

str1 = "abcdac"

str2 = "xyz#"

def run(string):

# create a special character set in a regular expression

# and pass string as argument in compile method

regex = re.compile('[@\_!#$%^&\*()<>?/\|}{~:]')

# Pass the string in search of regex

if (regex.search(string) == None):

return "String does not have special characters"

else:

return "String has special characters."

# call the function with different string objects

print(run(str1))

print(run(str2))