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

Ans : using namespace std;

// function find string greater than

// length k

void string\_k(string s, int k)

{

// create the empty string

string w = "";

// iterate the loop till every space

for(int i = 0; i < s.size(); i++)

{

if(s[i] != ' ')

// append this sub string in

// string w

w = w + s[i];

else {

// if length of current sub

// string w is greater than

// k then print

if(w.size() > k)

cout << w << " ";

w = "";

}

}

}

// Driver code

int main()

{

string s = "geek for geeks";

int k = 3;

s = s + " ";

string\_k(s, k);

return 0;

}

// This code is contributed by

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

Ans : def remove(string, i):

# Characters before the i-th indexed

# is stored in a variable a

a = string[ : i]

# Characters after the nth indexed

# is stored in a variable b

b = string[i + 1: ]

# Returning string after removing

# nth indexed character.

return a + b

# Driver Code

if \_\_name\_\_ == '\_\_main\_\_':

string = "geeksFORgeeks"

# Remove nth index element

i = 5

# Print the new string

print(remove(string, i))

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

Ans : def split\_string(string):

# Split the string based on space delimiter

list\_string = string.split(' ')

return list\_string

def join\_string(list\_string):

# Join the string based on '-' delimiter

string = '-'.join(list\_string)

return string

# Driver Function

if \_\_name\_\_ == '\_\_main\_\_':

string = 'Dora Vissu i Neuron'

# Splitting a string

list\_string = split\_string(string)

print(list\_string)

# Join list of strings into one

new\_string = join\_string(list\_string)

print(new\_string)

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

Ans : def check(string):

# set function convert string

# into set of characters .

p = set(string)

# declare set of '0', '1' .

s = {'0', '1'}

# check set p is same as set s

# or set p contains only '0'

# or set p contains only '1'

# or not, if any one condition

# is true then string is accepted

# otherwise not .

if s == p or p == {'0'} or p == {'1'}:

print("Yes")

else:

print("No")

# driver code

if \_\_name\_\_ == "\_\_main\_\_":

string = "101010000111"

# function calling

check(string)

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

Ans : def UncommonWords(A, B):

# count will contain all the word counts

count = {}

# insert words of string A to hash

for word in A.split():

count[word] = count.get(word, 0) + 1

# insert words of string B to hash

for word in B.split():

count[word] = count.get(word, 0) + 1

# return required list of words

return [word for word in count if count[word] == 1]

# Driver Code

A = "Geeks for Geeks"

B = "Learning from Geeks for Geeks"

# Print required answer

print(UncommonWords(A, B))

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

Ans : def UncommonWords(A, B):

# count will contain all the word counts

count = {}

# insert words of string A to hash

for word in A.split():

count[word] = count.get(word, 0) + 1

# insert words of string B to hash

for word in B.split():

count[word] = count.get(word, 0) + 1

# return required list of words

return [word for word in count if count[word] == 1]

# Driver Code

A = "Geeks for Geeks"

B = "Learning from Geeks for Geeks"

# Print required answer

print(UncommonWords(A, B))

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

Ans : # import required package

import re

# take inputs

string = input('Enter any string: ')

# special characters

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

# check string contains special characters or not

if(special\_char.search(string) == None):

print('String does not contain any special characters.')

else:

print('The string contains special characters.')