**# Python program to split and join string**

**# Getting input from user**

myStr = input('Enter the string : ')

separator = input('Enter the separator : ')

# splitting and joining string

splitColl = myStr.split(' ')

joinedString = separator.join(splitColl)

# printing values

print(splitColl)

print(joinedString)

**Python program to find words which are greater**

**#than given length k**

# Getting input from use

myStr = input('Enter the string : ')

k = int(input('Enter k (value for accepting string) : '))

largerStrings = []

# Finding words with length greater than k

words = myStr.split(" ")

**for** word **in** words:

**if** len(word) > k:

largerStrings.append(word)

# printing values

**print**("All words which are greater than given length ", k, "are ", largerStrings)

**# Python code to demonstrate method to**

**# remove i-th character using replace() method**

**# Taking string input from user**

myStr = input('Enter the string : ')

i = int(input('Enter the index of character to be removed : '))

# removing character at the specified index

resStr = myStr.replace(myStr[i], "", 1)

# Printing all strings...

**print** ("Entered string : " + myStr)

**print** ("String formed by removing i'th character : " + resStr)

**# Python program to check**

**# if a string is binary or not**

**# function for checking the**

**# string is accepted or not**

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)

**# Function to return all uncommon words**

def uncommon(a,b):

list\_a = a.split()

list\_b = b.split()

uc = '' ”

for i in list\_a:

if i not in list\_b:

uc = uc+" "+i

for j in list\_b:

if j not in list\_a:

uc = uc+" "+j

return uc

**# Driver code**

a = "apple banana mango"

b = "banana fruits mango"

print(uncommon(a,b))

**Write a Python to find all duplicate characters in string**

**from collections import Counter**

def find\_dup\_char(input):

# now create dictionary using counter method

# which will have strings as key and their

# frequencies as value

WC = Counter(input)

j = -1

# Finding no. of occurrence of a character

# and get the index of it.

for i in WC.values():

j = j + 1

if( i > 1 ):

print WC.keys()[j],

# Driver program

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

input = “megha dogra”

find\_dup\_char(input)

**Python program to check special character**

# 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.')