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

ANS: 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)

Enter the string: 7

Enter K (value for accepting string):6

All words are greater than given length 6 are []

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

ANS: myStr = input('Enter the string : ')

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

resStr = ""

for index in range(len(myStr)):

if index != i:

resStr = resStr + myStr[index]

# Printing all strings...

print ("Entered string : " + myStr)

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

Entered string :8

Enter the index of character to be removed :3

Entered string :8

String formed by removing i'th character :8

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 = 'Geeks for Geeks'

# 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)

[‘Geeks’,’for’,’Geeks’]

Geeks-for-Geeks

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

ANS: def check(string) :

b = set(string)

s = {'0', '1'}

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

print("Binary String")

else :

print("Non Binary String")

s1= "00110101"

# function calling

check(s1)

s2 = "1010100200111"

check(s2)

Binary String

Non Binary String

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

ANS: def uncommon\_words(s1, s2):

count = {}

for word in s1.split():

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

# words of string s2

for word in s2.split():

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

# return required list of words

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

s1="Studytonight"

s2="Welcome to Studytonight"

# Print required answer

print(uncommon\_words(s1, s2))

[‘Welcome’,’to’]

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

ANS: def duplicate\_characters(string):

# Create an empty dictionary

chars = {}

# Iterate through each character in the string

for char in string:

# If the character is not in the dictionary, add it

if char not in chars:

chars[char] = 1

else:

# If the character is already in the dictionary, increment the count

chars[char] += 1

# Create a list to store the duplicate characters

duplicates = []

# Iterate through the dictionary to find characters with count greater than 1

for char, count in chars.items():

if count > 1:

duplicates.append(char)

return duplicates

# Test cases

print(duplicate\_characters("geeksforgeeks"))

[‘g’,’e’,’k’,’s’]

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

ANS: import re

# Function checks if the string

# contains any special character

def run(string):

# Make own character set and pass

# this as argument in compile method

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

# Pass the string in search

# method of regex object.

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

print("String is accepted")

else:

print("String is not accepted.")

# Driver Code

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

# Enter the string

string = "Geeks$For$Geeks"

# calling run function

run(string)

String is not accepted