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

string = "My name is Aniket Gaikwad and I want to become a data scientist one day"

def filter\_words(string,length\_of\_word):

return len([i for i in string.split(" ") if len(i) > length\_of\_word])

print(filter\_words(string,5))

>>>4

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

string = "Aniket Gaikwad"

def removeChar(string,char\_pos):

return ''.join(map(str,[i for i in string if string.index(i) != char\_pos]))

print(removeChar(string,5))

>>>Anike Gaikwad

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

string = "Aniket"

def split(string):

return [i for i in string]

def joinstr(string\_list):

return ''.join(map(str,[i for i in string]))

split\_string = split(string)

join\_string = joinstr(split\_string)

print(split\_string,"\n",join\_string)

>>>['A', 'n', 'i', 'k', 'e', 't']

Aniket

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

string = "010101010"

def checkBinary(string):

return 'Yes' if len([i for i in string if i == '0' and i == '1']) == 0 else 'No'

print(checkBinary(string))

>>>Yes

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

string\_1 = 'aniket is a good boy'.split(" ")

string\_2 = 'omkar is a bad boy'.split(" ")

def checkUncommon(string\_1,string\_2):

return set(string\_1).symmetric\_difference(set(string\_2))

print(checkUncommon(string\_1,string\_2))

>>> {'bad', 'aniket', 'omkar', 'good'}

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

string = "nitin"

def duplicate(string):

seen = []

result = []

for i in string:

if i not in seen:

seen.append(i)

else:

result.append(i)

return result

print(duplicate(string))

>>> ['i', 'n']

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

string = "!anike#"

def filter\_special(string):

return True if len([i for i in string if string.isalpha()]) != 0 else False

print(filter\_special(string))

>>>False