Assignment 2

* Question 1

Write a Python program to remove empty List from List-

#Program

list1 = [5, 6, [], 3, [], [], 9]

print("The original list is : " + str(list1))

list2 = [ele for ele in list1 if ele != []]

print("List after empty list removal : " + str(list2))

* Question 2

Write a Python Program to remove all duplicates words from a given sentence –

#Program

from collections import Counter

def remov\_duplicates(input):

input = input.split(" ")

for i in range(0, len(input)):

input[i] = "".join(input[i])

UniqW = Counter(input)

s = " ".join(UniqW.keys())

print(s)

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

input = 'My name is rohit and his name is ajay'

remov\_duplicates(input)

* Question 3

Write a Python Program to find all occurrences of a character in the given string –

#Program

str1 = input("Please enter your own String : ")

ch = input("Please enter your own Character : ")

i = 0

while(i < len(str1)):

if(str1[i] == ch ):

print(ch, " is Found at Position " , i + 1)

i = i + 1