Python programming basic assignment 11:

Q1) list = ['vinay', 'elephant', 'frog', 'hippopotamus', 'rhinocaures', 'jaguar']

k = int(input("enter maximum length "))

for i in list:

if len(i) > k:

print(i)

Q2) print("enter a string ")

a = input()

list1 = list(a)

print(list1)

i = int(input('which element do you want to remove? '))

j = i - 1

list1.pop(j)

b = ""

for i in list1:

b = b + i

print(b)

Q3) print("enter a string ")

a = input()

list = a.split(' ')

b = '+'.join(list)

print(b)

Q4) print("enter a string ")

a = input()

b = set(a)

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

print("binary string")

else:

print("non binary string”)

Q5) def uncommonwords(string1, string2):

count = {}

for word in string1.split():

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

for word in string2.split():

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

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

a = str(input("please enter a string "))

b = str(input("please enter another string "))

uncommonwords(a, b)

Q6) print("enter a string ")

a = str(input())

list1 = list(a)

for i in list1:

if list1.count(i) > 1:

print(i)

Q7) import re

print("enter a string ")

a = str(input())

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

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

print("special characters are absent")

else:

print("special characters are present")