Q1 .4

Q2. ['john', 'peter']

Q3.

import re

passwords = input("Type in: ")

passwords = passwords.split(",")

accepted\_pass = []

for i in passwords:

if len(i) < 6 or len(i) > 12:

continue

elif not re.search("([a-z])+", i):

continue

elif not re.search("([0-9])+", i):

continue

elif not re.search("([A-Z])+", i):

continue

elif not re.search("([$#@])+", i):

continue

else:

accepted\_pass.append(i)

print((" ").join(accepted\_pass)) #the code will be printed as it is if it satisfies the condition.other wise nothiing happens

Q4.

a = [4,7,3,2,5,9]

Enu = enumerate(a)

for i in Enu:

print(i)

Q 5.

print("Enter String::")

inputstring = input()

if inputstring:

s = ""

for i in inputstring:

if inputstring.index(i)%2 == 0:

s += str(i)

print("output:")

print(s)

Q 6.

print("Enter the string :")

s=input()

s = s[::-1]

print (s)

Q 8.

givenlist = [12,24,35,24,88,120,155]

wantedlist= [x for x in givenlist if x!=24]

print (wantedlist)

Q 9.

givenlist = [12,24,35,24,88,120,155]

wantedlist= [x for (i,x) in enumerate(givenlist) if i not in (0,4,5)]

print (wantedlist)

Q 10 .

givenlist = [12,24,35,24,88,120,155]

wantedlist= [x for x in givenlist if x%5!= 0 and x%7 != 0]

print (wantedlist)

Q 11 .

Print(“enter the number”)

n=int(input())

sum=0.0

for i in range(1,n+1):

sum += float(float(i)/(i+1))

print (round(sum,2))