#Qustion1

Values=[0,0,0,0,0,0,0]

Values.insert(0,10)

Values.insert(len(Values),10)

print(Values)

#Qustion2

def revers\_function(x):

systems = x[ : :-1]

return systems

systems=[6,3,8,1,7]

print('Original List:', systems,end=" ")

print( "\nrevers List",revers\_function(systems),end=" ")

#Qustion3

Values=["red", "yellow", "pink", "black"]

Values.remove("pink")

Values.remove("black")

Values.insert(1,"purple")

Values.insert(3,"Black")

Values.insert(len(Values),"green")

print(Values)

#Qustion4

fruits = [‘orange’, ‘apple’, ‘pear’, ‘banana’, ‘kiwi’, ‘apple’, ‘banana’]

fruits.count(“apple”) #how many time “apple in list”

fruits.count(“strawberry”)

fruits.index(“banana”) #where “banana” in list”

fruits.index(“banana”, 4)

fruits.reverse()

fruits.append(“grape”) #add “grape” in list”

fruits.sort()

fruits.pop()

output:

['apple', 'apple', 'banana', 'banana', 'grape', 'kiwi', 'orange']

#Qustion5

mylist=[23, 54, 76, 12, 90]

for i in range (len(mylist)):

if i<len(mylist)-1:

print(mylist[i],end=" | ")

else:

print(mylist[i],)

#Qustion6

sum1=0

mylist=[0,-5,-1,-7,0,8]

for i in range (len(mylist)):

print(mylist[i],end=" , ")

if mylist[i]==0:

sum1+=1

print ("\n",sum1,"elements in list are zeros")

#Qustion7

d = “a\*hj”

list(d) #cope list (d)

output:

<class 'str'>

a\*hj

#Qustion8

b= [‘p’, ‘r’, ‘a’, ‘c’, ‘t’, ‘i’, ‘c’, ‘e’]

for i in b:

print(i, end=”?”) #after each element in list write (?)

p?r?a?c?t?i?c?e?

#Qustion9

b = “Hello World”

a = list(b)

print(a)

print(len(a))

print(a[1:11]) # print a start from “e”

print(a[-2,-5,-1]) # print a start from last+1 and jump from right to lift by 2

print(a[::2]) #print and jump from lift to right by 2

print(a[:4]) #print from first to 4th elements

print(a[4:]) #print from last to 4th elements

output:

['H', 'e', 'l', 'l', 'o', ' ', 'W', 'o', 'r', 'l', 'd']

11

['e', 'l', 'l', 'o', ' ', 'W', 'o', 'r', 'l', 'd']

['l', 'r', 'o']

['H', 'l', 'o', 'W', 'r', 'd']

['H', 'e', 'l', 'l']

['o', ' ', 'W', 'o', 'r', 'l', 'd']

#Qustion10

def long\_words(n, str):

word\_len = []

txt = str.split(" ")

for x in txt:

if len(x) > n:

word\_len.append(x)

return word\_len

a=int(input("pleas enter the max lenght of words: "))

print(long\_words(a, "Write a Python program to find the list of words that are longer than n from a given list of words."))