#Python program to clone or copy a list.

def Cloning(li1):

li\_copy = li1[:]

return li\_copy

li1 = [4, 8, 2, 10, 15, 18]

li2 = Cloning(li1)

print("Original List:", li1)

print("After Cloning:", li2)

O/p:Original List: [4, 8, 2, 10, 15, 18]

After Cloning: [4, 8, 2, 10, 15, 18]

#Python program to print a specified list after removing the 0th, 4th and 5th elements.

color = ['Red', 'Green', 'White', 'Black', 'Pink', 'Yellow']

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

print(color)

O/p:['Green', 'White', 'Black']

#Python program to print the numbers of a specified list after removing even numbers from it.

num = [7,8, 120, 25, 44, 20, 27]

num = [x for x in num if x%2!=0]

print(num)

O/p:[7, 25, 27]

#python program to find unique elements from a list.

def unique\_list(l):

x = []

for a in l:

if a not in x:

x.append(a)

return x

print(unique\_list([1,2,3,3,3,3,4,5]))

O/p:[1, 2, 3, 4, 5]

#function that checks whether a number is in a given range.

def test\_range(n):

if n in range(3,9):

print( " %s is in the range"%str(n))

else :

print("The number is outside the given range.")

test\_range(5)

O/p:5 is in the range

#python function that accepts a string and calculates the number of upper case letters and lower case letters

def up\_low(string):

uppers = 0

lowers = 0

for char in string:

if char.islower():

lowers += 1

elif char.isupper():

uppers +=1

else:

pass

return(uppers, lowers)

print(up\_low('Hello Mr. Rogers, how are you this fine Tuesday?'))

O/p:(4, 33)