Q.Solve logical problems like area,reverse string,largest element?

Area calculation:

import math

def area\_of\_square(side\_length):

return side\_length \*\* 2

def area\_of\_rectangle(length, width):

return length \* width

def area\_of\_circle(radius):

return math.pi \* (radius \*\* 2)

Reverse a string.

def reverse\_string(input\_string):

return input\_string[::-1]

my\_string = "Hello, World!"

print("Reversed string:", reverse\_string(my\_string)) # Output will be "!dlroW ,olleH"

Find the largest element:

def find\_largest\_element(lst):

if not lst:

return None

max\_element = lst[0]

for num in lst:

if num > max\_element:

max\_element = num

return max\_element

my\_list = [10, 25, 6, 48, 32]

print("Largest element:", find\_largest\_element(my\_list)) # Output will be 48