Q2: Y= 10

tution = 10000

In = 0.05

#Calculate after 10 years

ten\_year = float(tution \* (1 + In)\*\*Y)

#Total for 4 years

four\_year = sum(

float(tution \* (1 + In)\*\*(Y + i))

for i in range(1, 5)

)

print ("Total cost of 10 years= ", ten\_year)

print("Total cost of four year= ", four\_year)

Q3: n = 8

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

for j in range(n, i, -1):

print(" ",end="")

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

x = 2\*\*(j-1)

print(x, end=" ")

for j in range(i - 1, 0, -1):

x = 2\*\*(j - 1)

print(x, end=" ")

print()