**Section 006**

**Problem-1:**

Write a function that takes n and m as parameters. Your goal is to find every mth number from n up to 0 and return their average. For example, if you pass 100 and 5 to your function, you’d first find the sum of the following numbers:

100, 95, 90, 85,80,75, 70,…..,10,5,0

Once you have the sum, you can find the average by dividing the sum with the number of iterations.

Make sure you print the average outside the function.

**Another example:**

**n=444 and m=4**

You’d find the sum of: 444, 440,436, 432,……..,0 and then find their average.

**Output:**

A picture containing text

Description automatically generated

**Code for my reference:**

def sumofn(i,n):

s=0

add=0

while(i>0):

s=s+i

i=i-n

add=add+1

avg=s/add

return avg

s=sumofn(100, 5)

**Problem-2:**

Which loop did you use and why? Do you think using another type of loop would have been a better approach?

**Rubric:**

Function Header – 5pts

Loop Condition –10 pts

Loop Body –10 pts

Return Statement –5 pts

Function Invocation – 5 pts

Correct Output—5 pts

Problem-2 –10 pts