"""

A(m, n) =

n + 1 if m = 0

A(m − 1, 1) if m > 0 and n = 0

A(m − 1, A(m, n − 1)) if m > 0 and n > 0

"""

def Ack\_func(m, n): #defining the AckerMann\_function

if m == 0:

return n+1 #going to test this out

*""" testing out the first block and it works*

*>>> def Ack\_func(m,n): #defining the AckerMann\_function*

*... if m == 0:*

*... return n+1*

*...*

*>>> Ack\_func(0,1)*

*"""*

if n == 0:

return Ack\_func(m-1, 1) #evaluating the second condition AckerMann\_function

#tested it out and i didn't understand the out it produced nothing

else:

return Ack\_func(m-1, Ack\_func(m, n-1))

print(Ack\_func(3, 4)) #evaluted A(3, 4) result was 125

If higher values of A(m, n) are evaluated, brings

RecursionError: maximum recursion depth exceeded in comparison

>>>

Part 3

This is fairly new territory for me, especially the whole peer-assessment style. So far my experience with discussion assignments has been very good. The dialogue that i have experienced with my peers has been very enlightening because with each interaction I see other students’ minds, i see how they think and i see how brilliant they are. This has encouraged me to put more effort into my assignments because i also want to encourage the same. For the first time in my education life, I get excited to receive and see constructive feedback from my peers, I want to be criticized.

Concerning the feedback and rating, for some I have been able to understand my work and improve on it more, for others, the feedback is very minimal, so it hasn’t helped me grow.

Concerning the feedback and ratings I have given, I believe there is room for growth, especially with feedback. At first, I didn't understand well what was going on and i struggle to provide the necessary feedback but further in the weeks I have given better feedback. The rating was self exlanatory because the ratings were based off the Instructor assignment Criteria.