

Nested Loops

for i in range(5):

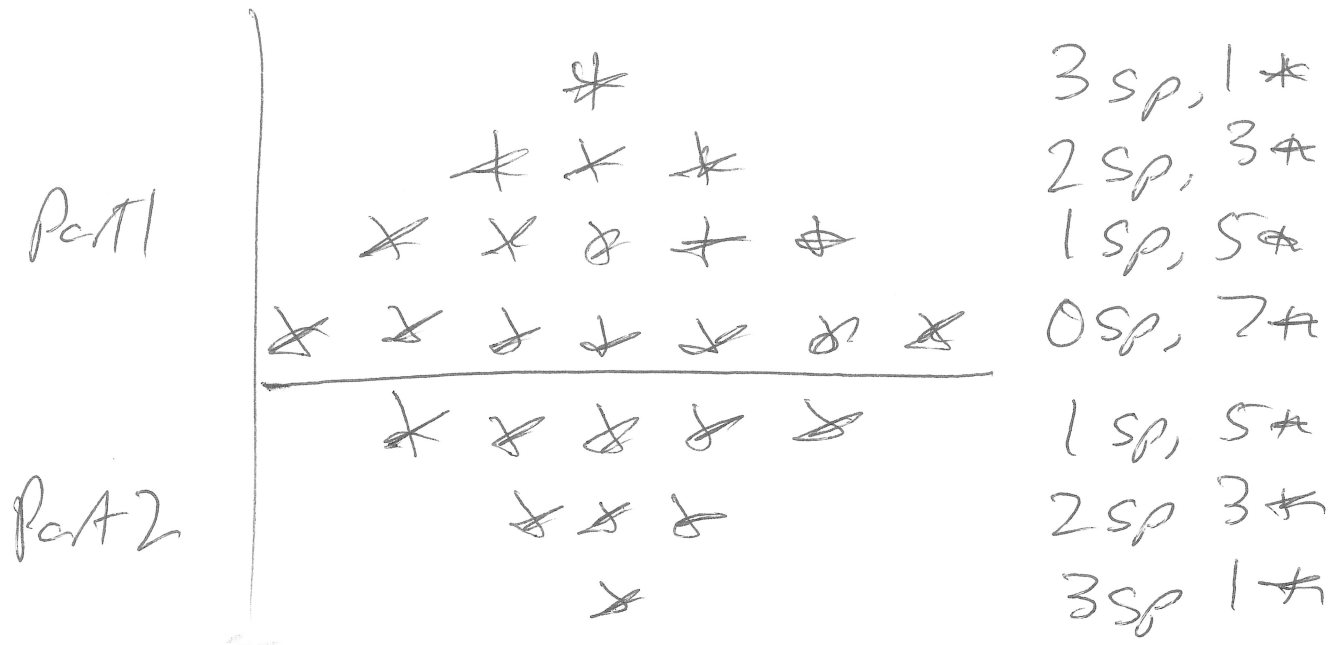
 for j in range(4):

 stuff

	j	0	1	2	3
i	0	00	01	02	03
	1	10	11	12	13
	2	20	21	22	23
	3	30	31	32	33
	4	40	41	42	43

i	j	
0	0	} when i=0
0	1	
0	2	
0	3	
1	0	} when i=1
1	1	
1	2	
1	3	
2	0	
2	1	
2	2	
2	3	

	1	2	3	4
1	1	2	3	4
2	2	4	6	8
3	3	6	9	12
4	4	8	12	16



stars = 1

for sp in range(n//2, -1, -1):

for j in range(sp):
 print(" ", end="")] Prints
 sp spaces

for j in range(stars):
 print("#", end="")] Prints
 stars # of
 stars

print()

stars = stars + 2

width = 7

length = 4

* * * * *
* * * * *
* * * * *
* * * * *

0 sp, 7 st
1 sp, 7 st
2 sp, 7 st
3 sp, 7 st