Day11_Loops(cont)

#Write a program on accessin lst = [4,-9,0,6,3,-2,7] Expected Output			1-3-2-1	
4	[4]-7	1010	13 - 44	
-9	01	23	\$ 4 56	
0	1		\uparrow	
6			1	
3				
-2				
7				
lst = [4,-9,0,6,3,-2,7]				
i=0				
while i <len(lst):< td=""><td></td><td></td><td></td><td></td></len(lst):<>				
print(lst[i])				
i=i+1				
4				
-9				
0				
6				
3				
-2				
7				
i=-7				
while i<=-1:				
print(lst[i])				
i=i+1				
4				
-9				
0				
6				
3				
-2				
7				
#elements in reverse				
i=1				
while i<=len(lst):				
print(lst[-i]) i=i+1				
i=i+1				
#Getting the number of posit	ives,negati	ves ans ze	ros in the list	: 1
lst = [4,-9,0,6,3,-2,7]		4	1-91	01
		L	╶╋╾┯╌╴╉	<u> </u>
pos=neg=zer=0		O	1	.2
pos=neg=zer=0 i=0 (くフ		<u> </u>		
i=0 i < 7 while i< len(1st):		Ŭ		
i=0 i < 7 while i< len(1st):	70	Ŭ		
i=0 i < 7 while i< len(1st):	70			
i=0 (<7) while i <len(lst): if lst[i]>0: $-9 > 0$ > pos=pos+1 elif lst[i]<0: $-9 < 0$</len(lst): 	70)<0			
i=0 (27 while i <len(lst): if lst[i]>0: -9 >0 0 > pos=pos+1 elif lst[i]<0: -9 <0 (neg=neg+1</len(lst): 	70)<0	C		
i=0 (<7) while i <len(lst): if lst[i]>0: -9 > 0 0 > pos=pos+1 elif lst[i]<0: -9 < 0 (> neg=neg+1 welif lst[i]==0: $\circ = = 0$</len(lst): 	7 0)< 0			
i=0 (27 while i <len(lst): if lst[i]>0: -9 >0 0 > pos=pos+1 elif lst[i]<0: -9 <0 (neg=neg+1</len(lst): 	7 0)< 0	Ŭ		

print("Positive:",pos) print("Negative:",neg) print("Zero:",zer)

2. for loop in python : 1. A for loop in python is said to be a definite loop.

2. In a for loop we provide a sequence and the loop automatically terminates as the sequence is finished

6

3

Pos Re + 2 Pos Pos =

Pus=0+1

=_ |

+ yen = gen = 0 + 1

Zer= cert) = 0 tl

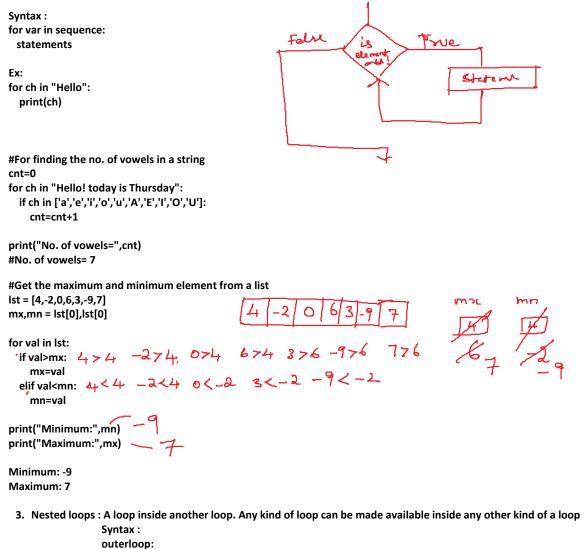
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- 1

7

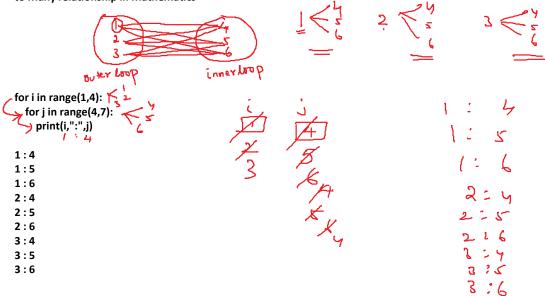
6

3. A for loop is designed for iterating over a sequence of elements



innerloop

For every iteration of the outer loop, each and every iteration of the inner loop takes place, the execution is similar to a Many to to Many relationship in Mathematics



We can have any number of nesting's, the inner most loop will get executed completely then the control will be given to the outer loop



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