ormple thanker or	
From prep 1, " pseudo - Python"	
a= = = o ignore issues of arith	me fic law - level
a= =	int it, fow level
print a a = (1 + a) / 2	
$a = (1 + \alpha) / 2$	
· value of a?	
> When I say value a, which value do I mean?	
> Multiple values of a	
Convention:	
a_i = value of a just before while cond. is evaluation for i + 1 st time	ted
for i+1st time	
From prep:	
(1) Yn E N, a, < 1	
(2) Y n & M, anti > an	
* instantiate: "plug in" values for variables LITERALLY,	then simplify
	16
e.q. (2) for $n=2$ \longrightarrow $a_{2n} > a_{2}$ "	
* Expanding: Y becomes 1 (" and ")	
o Trace: n a	
0 1/5	
1 3/5	
1 3/5	
• WTP (1) and (2)	
• WTP (1) and (2)	

