

Pre07 Loops Exercise 1.

i	10	5	6	3	4	2	1			
n	10	10	10	10	10	10	10			

The final output for this program will be $i = 1$ and the while loop will terminate.

The loop will terminate for any positive value of n because any n value non divisible by two will be added by one to make it divisible by two, then divided by two so it will always become one, which then terminates the loop since it will only run when $n > 1$.