Exercise 1: Solution B.

this is beause if N is 0, it immediately calculates the average, without adding 1 to the counter. If it added 1, it would give you an average that is a little bit too small

Exercise 2   int main {

Sum = 0

Counter = 0

input N

if N ≠ 0

Sum = Sum + N

Counter = Counter + 1
return to "input N"

Average = Sum / counter

Display Average

}

Exercise 3

int main {
    while (true) {

input integer

Sum = Sum+integer

show Sum
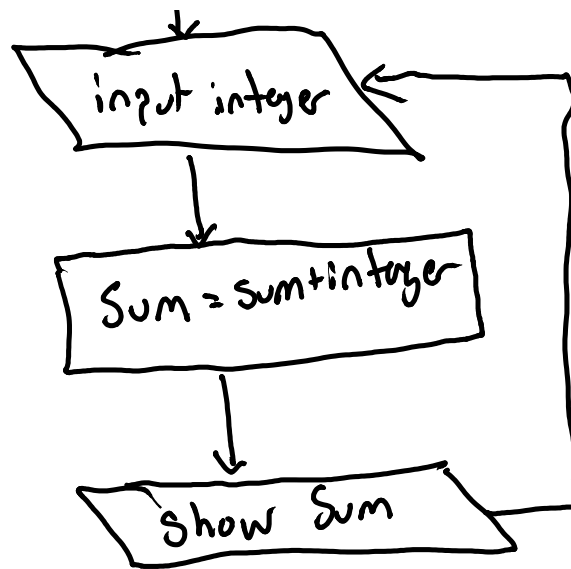
```
int main {
    while (true){
        input integer
        Sum=Sum+integer
        print sum
    }
}
```

Exercise 4

Start

input population

$5 < population < 100$

no

yes

Counter = 0

Pop < 1000

yes

Increase population from 20-30% randomly

Counter = Counter +1

from 20-50...
randomly

counter +1

no

/ print counter /

(end)
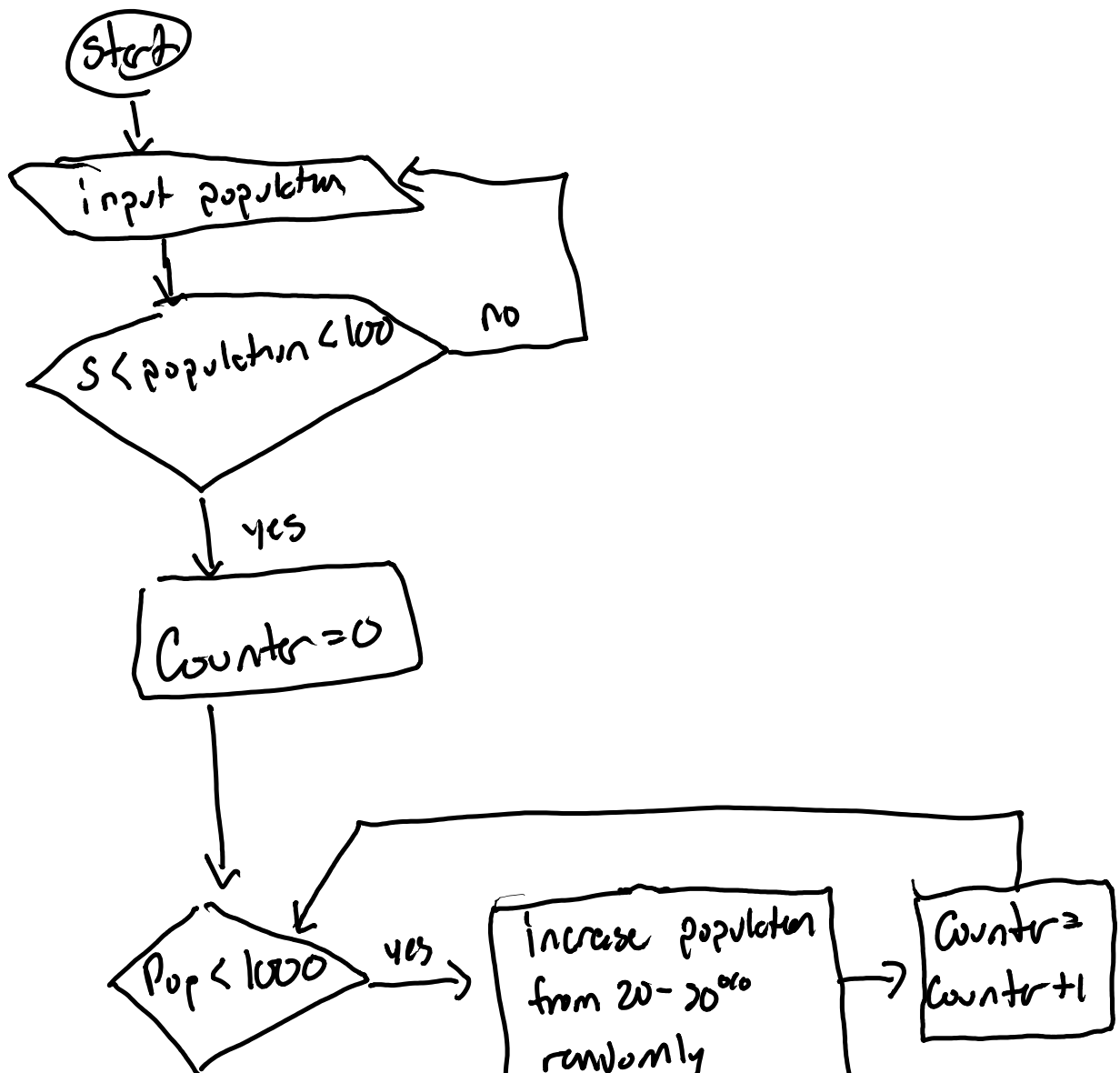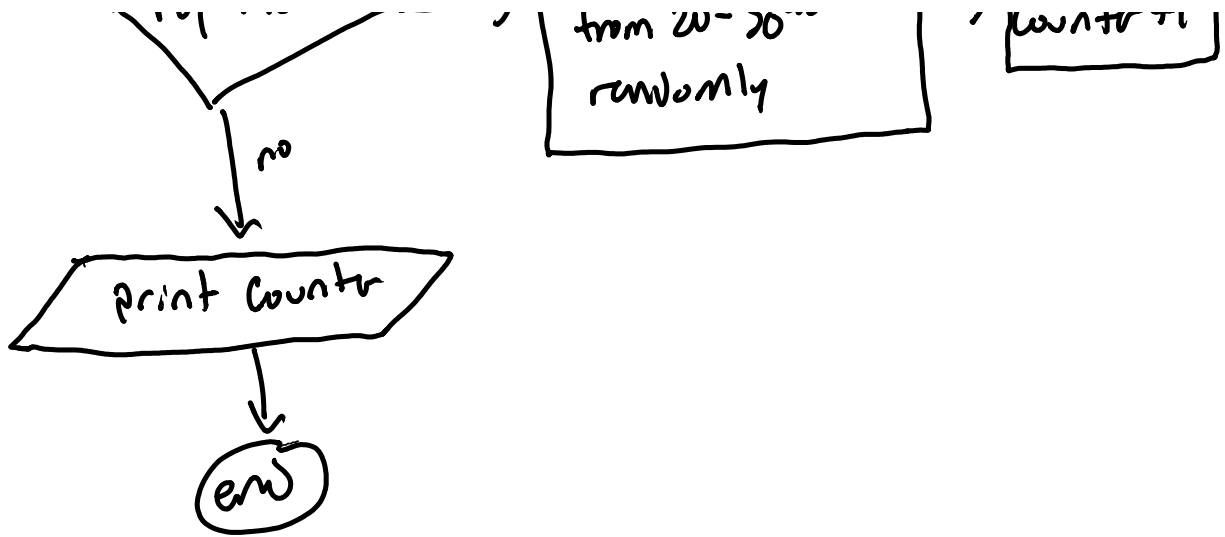
```
int main {
    population=0
    while (population<5 or population>100){
        input population
    }
    counter=0
    while (population < 1000){
        population = population + 20-50% population
        counter = counter +1
    }
    print counter
}
```