19/01/2023, 18:17 This is check50.

check50

cs50/labs/2023/x/population

:) population.c exists

```
Log
checking that population.c exists...
```

:) population.c compiles

```
running clang population.c -o population -std=c11 -ggdb -lm -lcs50...
```

:) handles starting values less than 9

```
running ./population...
sending input 8...
sending input 8...
checking that input was rejected...
```

:) handles ending values less than starting values

```
running ./population...
sending input 50...
sending input 49...
checking that input was rejected...
```

19/01/2023, 18:17 This is check50.

:) handles decimal number of llamas

```
running ./population...
sending input 1100...
sending input 1192...
checking for output "Years: 2"...
checking that program exited with status 0...
```

:(handles same starting and ending sizes

```
Cause
expected "Years: 0", not "End size: 100\..."

Log

running ./population...
sending input 100...
sending input 100...
checking for output "Years: 0"...

Expected Output:
Years: 0
Actual Output:
End size: 100
Years: 1
```

:) handles starting population of 1200

```
running ./population...
sending input 1200...
sending input 1300...
checking for output "Years: 1"...
checking that program exited with status 0...
```

19/01/2023, 18:17 This is check50.

:) rejects invalid populations and then handles population 9

```
running ./population...
sending input -5...
sending input 3...
sending input 9...
sending input 5...
sending input 18...
checking for output "Years: 8"...
checking that program exited with status 0...
```

:) rejects invalid populations and then handles population 20

```
running ./population...
sending input 20...
sending input 1...
sending input 10...
sending input 10...
checking for output "Years: 20"...
checking that program exited with status 0...
```

:) handles starting population of 100

```
running ./population...
sending input 100...
sending input 1000000...
checking for output "Years: 115"...
checking that program exited with status 0...
```