

# check50

## cs50/labs/2021/x/inheritance

### :) inheritance.c exists

Log

checking that inheritance.c exists...

### :) inheritance compiles

Log

running clang inheritance.c -o inheritance -std=c11 -ggdb -lm -lcs50...  
running clang inheritance\_test.c -o inheritance\_test -std=c11 -ggdb -lm -lcs50...

### :) create\_family creates correct size of family

Log

running ./inheritance\_test...  
checking for output "size\_true.\*"...  
checking that program exited with status 0...

### :( create\_family follows inheritance rules 1

Cause

expected ".\*allele\_true....", not "size\_true alle..."

Log

running ./inheritance\_test...  
checking for output ".\*allele\_true.\*"...

Expected Output:

.\*allele\_true.\*

Actual Output:

size\_true allele\_false

### :( create\_family follows inheritance rules 2

Cause

expected ".\*allele\_true....", not "size\_true alle..."

Log

running ./inheritance\_test...  
checking for output ".\*allele\_true.\*"...

Expected Output:

.\*allele\_true.\*

Actual Output:

size\_true allele\_false

### :( create\_family follows inheritance rules 3

Cause

expected ".\*allele\_true....", not "size\_true alle..."

Log

running ./inheritance\_test...  
checking for output ".\*allele\_true.\*"...

Expected Output:

.\*allele\_true.\*

Actual Output:

size\_true allele\_false

### :) free\_family results in no memory leakages

Log

running valgrind --show-leak-kinds=all --xml=yes --xml-file=/tmp/tmpsigwlqim -- ./inheritance...  
checking that program exited with status 0...  
checking for valgrind errors...