check50

cs50/problems/2025/x/recover

:) recover.c exists.

Log

```
checking that recover.c exists...
```

:) recover.c compiles.

Log

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

:) handles lack of forensic image

Log

```
running ./recover...
checking that program exited with status 1...
```

:) recovers 000.jpg correctly

Log

```
running ./recover card.raw...
checking that program exited with status 0...
checking that 000.jpg exists...
hashing 000.jpg...
```

:) recovers middle images correctly

Log

```
running ./recover card.raw...
checking that program exited with status 0...
checking that 001.jpg exists...
hashing 001.jpg...
checking that 002.jpg exists...
hashing 002.jpg...
checking that 003.jpg exists...
hashing 003.jpg...
checking that 004.jpg exists...
```

```
hashing 004.jpg...
checking that 005.jpg exists...
hashing 005.jpg...
checking that 006.jpg exists...
```

:) recovers 049.jpg correctly

Log

```
running ./recover card.raw...
checking that program exited with status 0...
checking that 049.jpg exists...
hashing 049.jpg...
```

:) program is free of memory errors

Log

```
running valgrind --show-leak-kinds=all --xml=yes --xml-file=/tmp/tmpob3x4qt6 --
./recover card.raw...
checking for valgrind errors...
```