The code change review

A one-page check for every change an AI assistant suggests: the evidence, the test, the change itself and anything private.

Time **about 10 minutes** Updated **12 Nov 2026** Fill in online at **Learn › Worksheets**

HOW TO USE IT

1. Fill in sections 1 and 2 before you ask for a change.
2. Fill in section 3 after, before you keep it.
3. Keep a working copy each time the tests pass.

1. Before you ask

The one change I want

The exact error (last line, plus file and line)

The test that will prove it works

2. Nothing private in the prompt

I've checked my prompt contains no

- [ ] API keys, passwords or tokens
- [ ] .env file contents
- [ ] Real customer or personal data (use a fake sample)
- [ ] Confidential code I'm not allowed to share

3. Before you keep it

What changed, in one sentence

Review

- [ ] The test that failed now passes
- [ ] All the other tests still pass
- [ ] The change touches only what I asked for
- [ ] I can explain every line that changed
- [ ] I've saved a working copy

A case the tests still don't cover

Example answers

> The example is the real bug and fix from the lesson, run on 12 November 2026 with one Claude model.

1. Before you ask

The one change I want

> average_rating returns None for an empty list instead of crashing.

The exact error (last line, plus file and line)

> ZeroDivisionError: division by zero, ratings.py line 3.

The test that will prove it works

> test_no_ratings_yet: assertIsNone(average_rating([]))

2. Nothing private in the prompt

I've checked my prompt contains no

- [x] API keys, passwords or tokens
- [x] .env file contents
- [x] Real customer or personal data (use a fake sample)
- [x] Confidential code I'm not allowed to share

3. Before you keep it

What changed, in one sentence

> Added a check that returns None when the list is empty, before the division.

Review

- [x] The test that failed now passes
- [x] All the other tests still pass
- [x] The change touches only what I asked for
- [x] I can explain every line that changed
- [x] I've saved a working copy

A case the tests still don't cover

> Ratings outside 1 to 5.

Passing tests mean the code does what you tested, not that it has no bugs. Never paste a secret into a prompt; if you do, cancel it and make a new one. Free to use and adapt for your own work.