CASE STUDIES : CODE

```ruby
def grade_assignment(params)
  comment = Comment.new
  assignment = Assignment.find(params[:id])

  assignment.grade = params[:grade]
  comment.body = params[:body]
  comment.save!
  assignment.add_comment(comment)
end
```

This is a small psuedo-code that you can probably read, but it takes some effort. The writer didn't think of the story they wanted to tell: we are grading an assignment. Let's fix it.

CASE STUDIES : CODE

```ruby
def grade_assignment(params)
  # First of all, the most important piece of information is this assignment,
  # So let's start with that
  assignment = Assignment.find(params[:id])

  # Next, this function is supposed to be for grading.
  # Let's not bury that functionality when we don't need to
  assignment.grade = params[:grade]
  assignment.save!

  # A side effect of this function is that a comment can be made.
  comment = Comment.new(body: params[:body])
  assignment.add_comment(comment)
  comment.save!
end
```