Week 6 Practice Assessment

Due Mar 27 at 10am **Points** 4 **Questions** 5 **Time Limit** 120 Minutes

Instructions

Coding under pressure can be scary, but like everything else we do at DBC, it's a skill that improves with practice. (Are you sensing a theme?) This practice assessment is designed as a no-stakes way for you to explore that feeling and equip yourself to handle it in the future.

You may not ask your cohortmates for help, but you can research online (including documentation, this curriculum itself, Stack Overflow, etc.) and refer back to any code you've written. If you get stuck, it's better to implement an alternative solution than none at all.

Good luck!

Attempt History

	Attempt	Time	Score
LATEST	Attempt 1	118 minutes	3 out of 4 *

* Some questions not yet graded

Score for this quiz: **3** out of 4 *
Submitted Mar 27 at 10:13am
This attempt took 118 minutes.

Question 1 — 1 / 1 pts

You've been hired by the New York Ballet to create a Fantasy Dance League. Everyone's going digital these days! You won't need any ballet knowledge -- the tests will provide exact instructions on how your dancers should behave.

Your project manager gives you the following set of tests.

```
describe Dancer do
  let(:dancer) { Dancer.new("Misty Copeland", 33) }

  it "has a readable name" do
    expect(dancer.name).to eq "Misty Copeland"
  end

  it "has a readable age" do
    expect(dancer.age).to eq 33
  end

  it "has a writeable age" do
    dancer.age = 34
    expect(dancer.age).to eq 34
  end
end
```

1. Create a repo on your computer.
2. Add these tests to your repo under an appropriate filename.
3. Add your own Ruby file that will make these tests pass.
4. Don't forget to use good Git workflow, but **do not push your code to GitHub**.

I was able to complete this task:

Correct!

- (•) True
- ( ) False

Question 2

1 / 1 pts

Dancers aren't any fun if they can't actually dance. Add the following tests in your spec file, and make them pass.

```
it "twirls" do
  expect(dancer.pirouette).to eq "*twirls*"
end

it "bows to a partner" do
  expect(dancer.bow).to eq "*bows*"
end
```

I was able to complete this task:

Correct!

- (•) True
- ( ) False

Question 3

0 / 1 pts

A dance card is a somewhat antiquated idea that allows partners to sign up to dance with each other -- a waiting list, basically. A partner can add their name at the bottom, and after their turn with the dancer has begun (first come, first serve), their name can be removed from the list.

You haven't built anything quite like this before, but you know how use data structures, set attributes, make attributes accessible, and so on. This is your opportunity to demonstrate that you can solve a new problem using your existing knowledge.

Add the following tests to your spec file, and make them pass.

```
it "can add parters to the dance card queue" do
  dancer.queue_dance_with("Mikhail Baryshnikov")
```

```
  expect(dancer.card).to eq ["Mikhail Baryshnikov"]
  dancer.queue_dance_with("Anna Pavlova")
  expect(dancer.card).to eq ["Mikhail Baryshnikov", "Anna Pavlova"]
end

it "can start the next dance in the queue" do
  dancer.queue_dance_with("Mikhail Baryshnikov")
  dancer.queue_dance_with("Anna Pavlova")
  expect(dancer.begin_next_dance).to eq "Now dancing with Mikhail Baryshnikov."
  expect(dancer.card).to eq ["Anna Pavlova"]
end
```

I was able to complete this task:

Correct Answer

- ○ True

You Answered

- ◉ False

Question 4

1 / 1 pts

Add a new feature to your dancer, and write a test for it. It can be a simple feature, like the ability to leap; a feature of medium complexity, like the ability to change tutu color; or a complex feature, like a limitation on how many partners can be queued on the dance card (what happens when the card is full? That's a design decision for you to make and test).

Leave comments in your class about what you chose to accomplish.

I was able to complete this task:

Correct!

- ◉ True
- ○ False

Question 5

Not yet graded / 0 pts

Upload your zipped repo here. **Do not push your code to GitHub.**

wk6_assessment.zip (https://devbootcamp.instructure.com/files/128762/download)

Quiz Score: **3** out of 4