✓ **Congratulations! You passed!**

Grade received 100%   To pass 85% or higher

[**Go to next item**]

Programming Assignment Quiz (Do programming assignment FIRST)

Latest Submission Grade 100%

1. Does your map display dozens of earthquake markers, with different colors and sizes indicating the strength of each earthquake that seem to make sense?   `1 / 1 point`
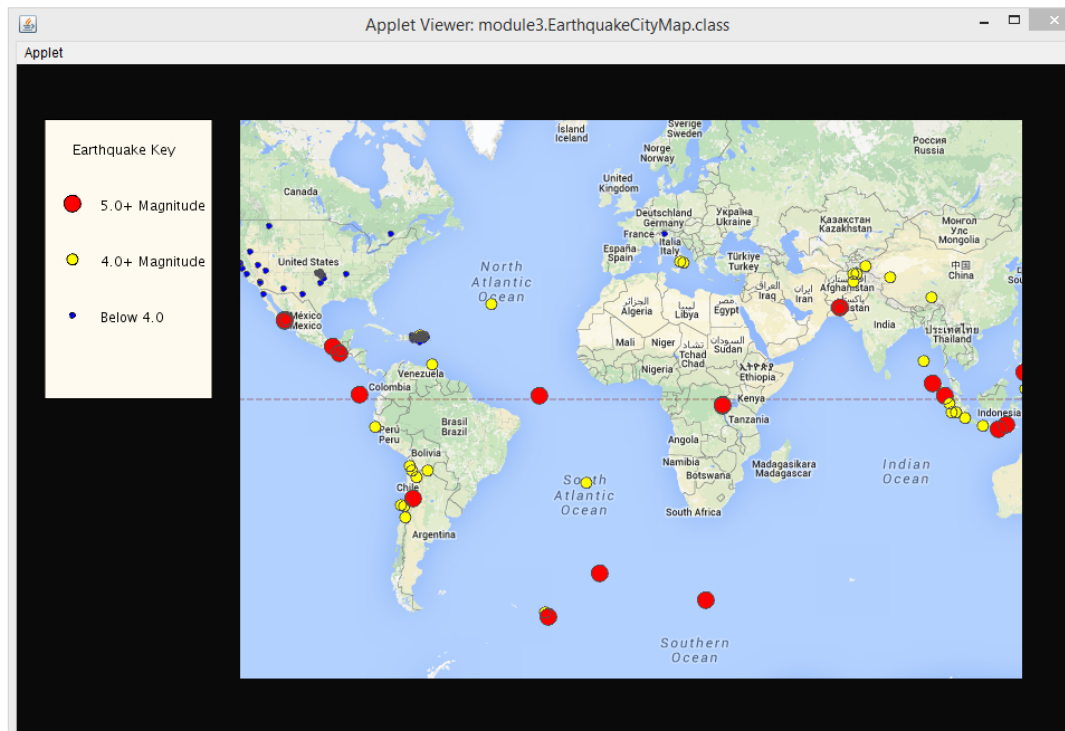
    ⦿ Yes

    ○ Not yet...

    ✓ **Correct**
      Congratulations! You successfully displayed the earthquake data.

2. Does your map display a key that shows an explanation of each type of earthquake marker, and is that key neatly organized, such as in the image below?   `1 / 1 point`

    ⦿ Yes

    ○ Not yet...

    ✓ **Correct**
      Congratulations!

3. Which class do you create objects of to display the earthquake "dots" on the map?   `1 / 1 point`

    ⦿ SimplePointMarker

    ○ Marker

    ○ PointFeature

    ○ earthquakes

    ✓ **Correct**
      This is the correct answer.

4. Assume you have a SimplePointMarker stored in the variable marker. Which of the following lines of code will set that marker's color to red?

1 / 1 point

```
1    marker.setColor(color(255, 0, 0));
```

```
1    marker.setColor(255);
```

```
1    marker.setColor(255, 0, 0);
```

✓ **Correct**
  This line correctly uses Processing's color method to generate the color red and then uses setColor to turn the marker red.

5. How many different SimplePointMarker objects does your program create when you run it?

1 / 1 point

● One for each PointFeature in earthquakes

○ 100

○ 1

✓ **Correct**
  This is the correct response. You need a separate marker for each earthquake.

6. What was the most difficult or confusing part of this assignment for you? If more than one was difficult, select what you felt was the most difficult.

1 / 1 point

○ Getting oriented with the starter code.

○ Getting the syntax right (semi-colons, braces, etc)

○ Figuring out the names of the built-in classes and methods and how to use them.

○ Getting the logic right for creating or styling markers

○ Drawing the key

● Nothing was difficult

○ Something else not listed above

✓ **Correct**

7. **(REQUIRED)** If you said "Something else not listed above" on the last question, please explain what the most difficult part was. Otherwise just write "N/A" in the box.

1 / 1 point

N/A

✓ **Correct**
  Thank you for your answer.

8. **(REQUIRED)** How long, total, did you spend on this programming assignment, to the nearest hour? Include only the time you were actively working on the programming assignment including time you spent watching support videos or re-watching videos specifically because you needed help on the assignment.

1 / 1 point

2 hrs

✓ **Correct**
  Thank you for your response.