

# **Homework-1: GeoQuizPro**

**Due on: Feb-22 (Fri)**

**Objective:** Use Activity component and Intent class for implementing application with multiple screens.

## **Problem Description:**

You are required create a quiz with the 10 questions, given at the end of this description.

Extend the GeoQuiz application with the 10 questions in the following way:

- Introduce a new button in the main screen called “Show Score Now”
- When you click “Show Score Now”, it will take you to a new screen and show you the score. You must show “Correct answers = “, “Incorrect answers = “, “Not Answered = “, and “Cheated = “. You should be able to come back to the main screen if the quiz is not yet complete (there are more questions in the bank to show).
- In the example shown in class (and in the book), the questions wrap back to first question when the quiz is complete. Instead, keep track of the number of questions, and when you have answered the last question, then you can do either of the following:
  - o Change the “Next” button to show “End of Quiz”
  - o Move to a new screen, show the score, print “End of Quiz”, and have a “restart” button to begin the quiz again.

## **Submission Instruction:**

- Use the Github Classroom to upload your implementation. Any other form of submission will not be accepted.

## **Extra Credit:**

You may try the following:

- using “Images” or Icons for the buttons. For example, use a directed arrow for next button.

### Questions to add:

	Question	Answer
1	Seattle is more northerly than New York City	True
2	Rhode Island has a greater population than Mongolia	False
3	Memphis is the state capital of Tennessee	False
4	The currency of Switzerland is the Euro	False
5	China borders the same number of countries as Russia	True
6	The Indian Ocean is the third largest ocean in the world	True
7	There are more countries in Africa than Asia	True
8	Brasília is the capital city of Brazil	True
9	Mount Kilimanjaro is higher than Denali	False
10	The Sahara Desert has a greater area than USA	False