

CSE4086

HW2

Due Date: 01.11.2018

This homework will enhance the flag Quiz app covered in lecture. You can download it from the announcements page of the course web site.

Make the following enhancements to the FlagQuiz app.

1. Count the number of questions that were answered correctly on the first try. After all questions have been answered, display a message describes how well the user performed on first guesses.
2. Keep track of the score as the user proceeds through the app. Give the user the most points for answering correctly on the first guess, fewer points for answering correctly on the next guess, etc.
3. If the user guesses the correct flag at first guess, include a “bonus question” asking the user to name the capital of the country. If the user correctly on the first guess, add 10 bonus points to the score; otherwise, simply display the correct answer, then allow the user to proceed to the next flag.

You can find the capital cities of the countries in the supplement file. If a country is not listed in the supplement file, do not ask the bonus question.

Important note (For all homeworks in this course): Your app should work a device having Android 4.1 version.