

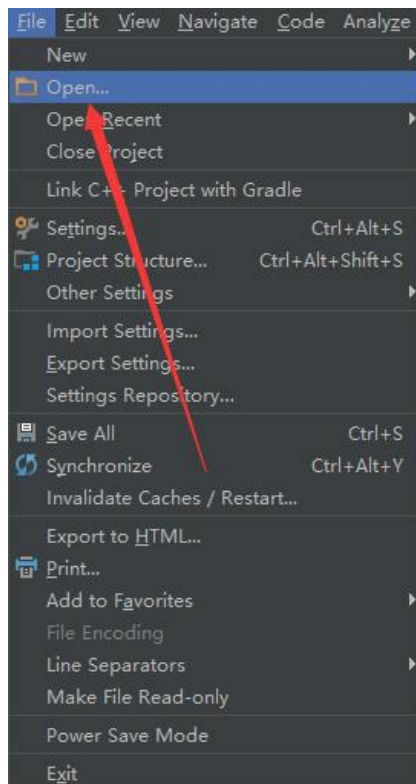
Equation Quiz

this is a quiz application to help you exercise your ability to solve equation problems.

import the project

The application is developed by Android studio. So you can import this project to Android studio easily.

Just click the open project in Android studio, and import it.



The project is written using the API 26, with the minSDKVersion 21.

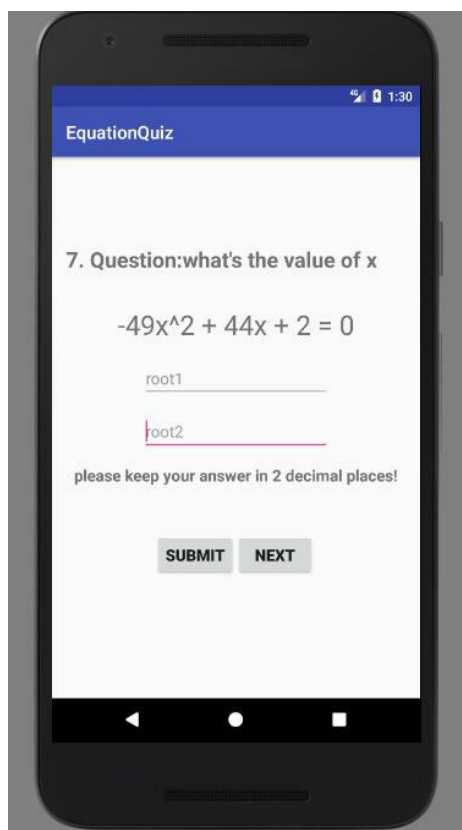
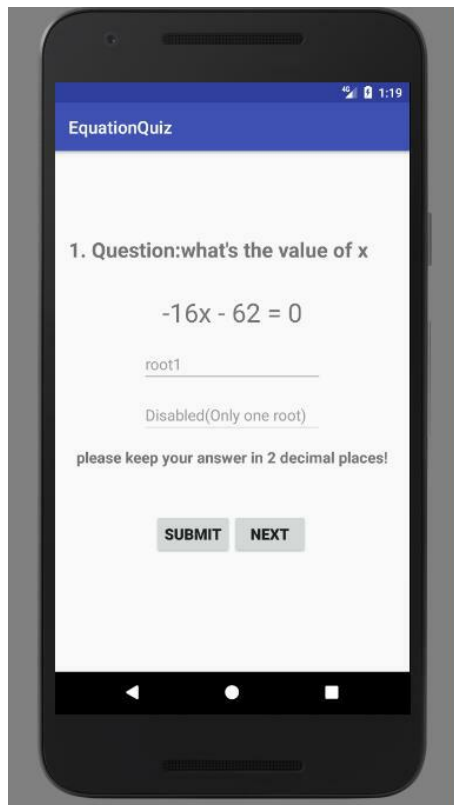
The demo is running on the AVD Nexus 5S 400*800:hdpi and 1080*1920:420dpi.

It is guaranteed that the application can be run on Nexus S with resolution 800 x 480 properly.

features

you can start to do a equation test each time through this application. Each test has **10 questions**. The first **5 questions** are linear equations while the last **5** are quadratic.

following are the previews of the test.

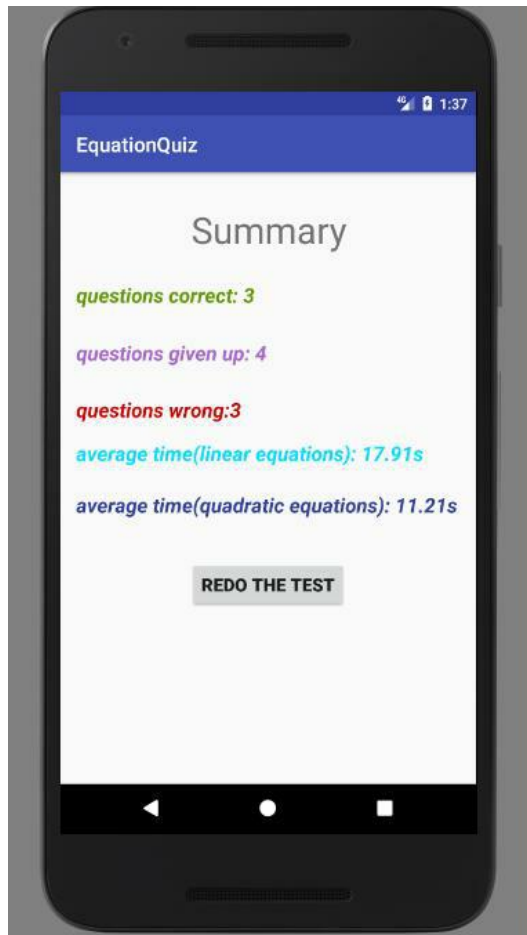


you are supposed to answer the question correctly.If the answer is not integer,you should **keep your answer in 2 decimal places**.

You can also leave the answer blank and click NEXT directly if you can not calculate the

answer. Doing so, you are regarded as giving up this question.

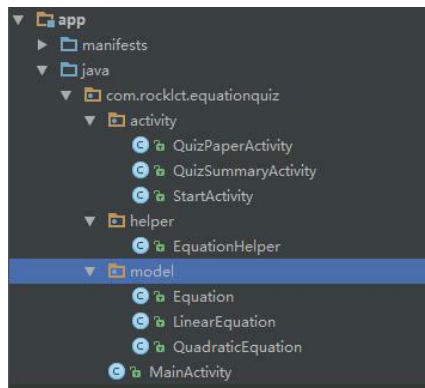
After completing your test, you will see a summary which summarizes the information for your test. For example, it will show the number of questions you answered correctly/wrongly. Also, your average time of solving problems will be shown to you.



code structure

The application includes 3 packages

- activity
- helper
- model



EquationHelper.class is a class written to encapsulate the tool functions to operate the equation class.