

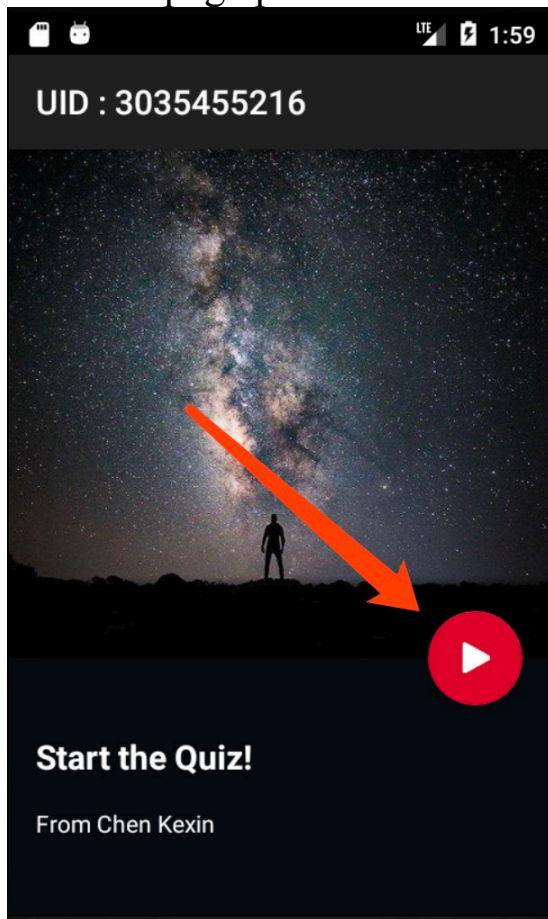
API Level & AVD setting

API 23 & Nexus S

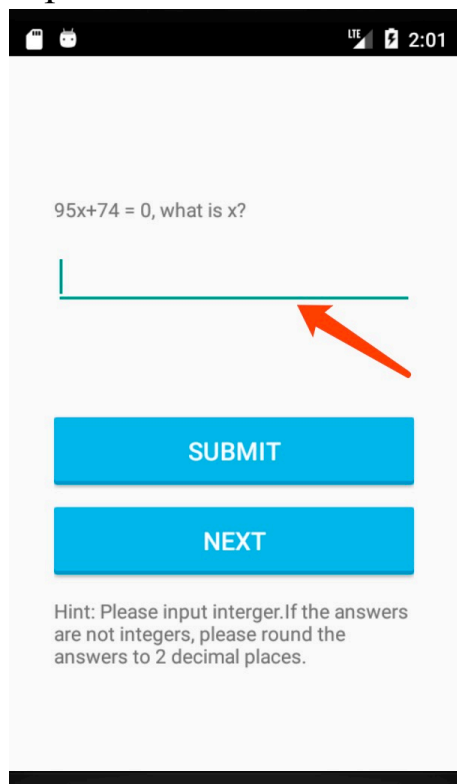
Github: https://github.com/cokoro/equations_quiz

How to run a sample

1. The first page provide a button for starting the quiz.



2. Input the answer and submit it.



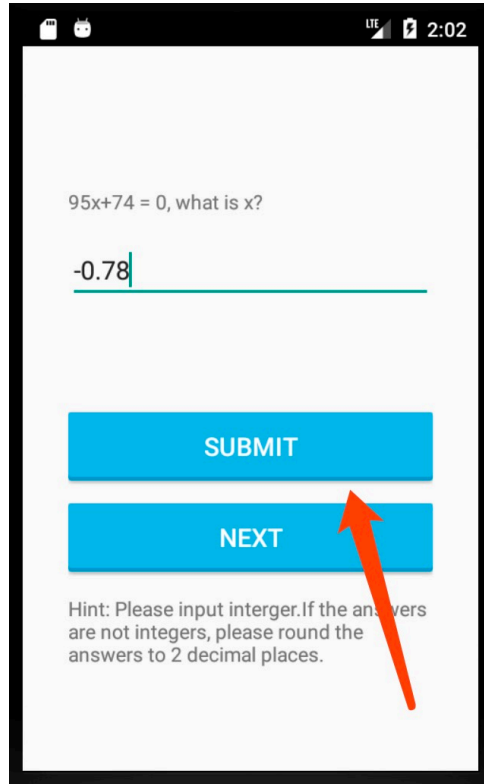
95x+74 = 0, what is x?

SUBMIT

NEXT

Hint: Please input interger.If the answers are not integers, please round the answers to 2 decimal places.

An orange arrow points to the empty input field.



95x+74 = 0, what is x?

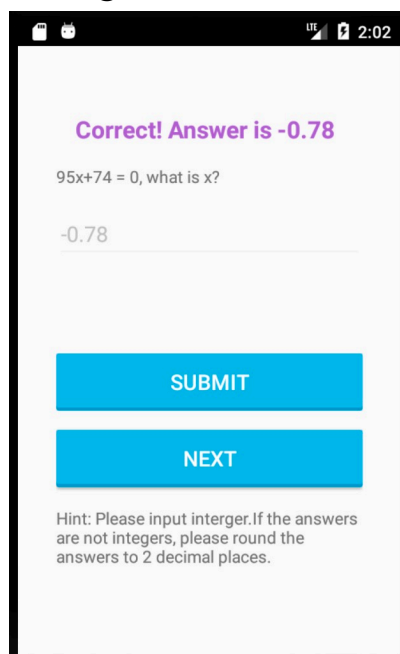
SUBMIT

NEXT

Hint: Please input interger.If the answers are not integers, please round the answers to 2 decimal places.

An orange arrow points to the 'NEXT' button.

3. You can get the right answer after you click “submit’ button, You can hear different audio effect when you get right and wrong answer.



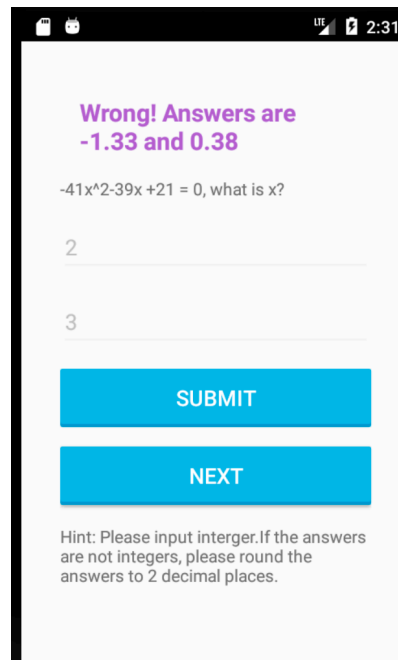
Correct! Answer is -0.78

95x+74 = 0, what is x?

SUBMIT

NEXT

Hint: Please input interger.If the answers are not integers, please round the answers to 2 decimal places.



Wrong! Answers are -1.33 and 0.38

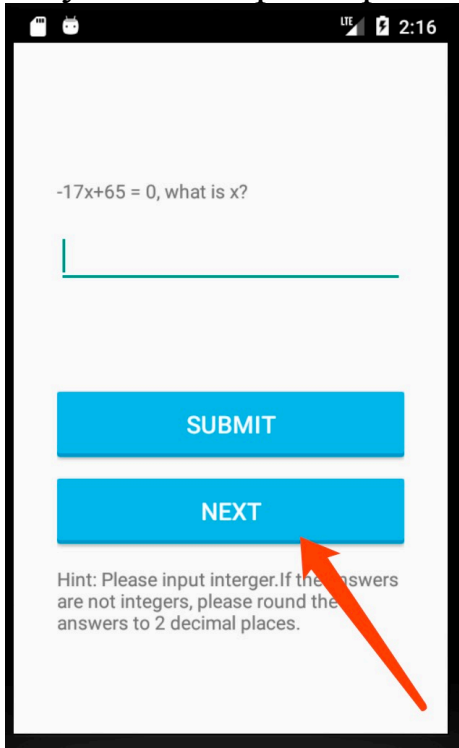
-41x^2-39x+21 = 0, what is x?

SUBMIT

NEXT

Hint: Please input interger.If the answers are not integers, please round the answers to 2 decimal places.

4. Or you can skip the question.



The screenshot shows a mobile app interface with a black status bar at the top displaying the time 2:16. The main content area has a light gray background. At the top, the equation $-17x + 65 = 0$ is displayed, followed by the text "what is x?". Below this is a green input field. Underneath the input field are two blue buttons: "SUBMIT" and "NEXT". A red arrow points to the "NEXT" button. At the bottom, a hint is displayed: "Hint: Please input interger. If the answers are not integers, please round the answers to 2 decimal places."

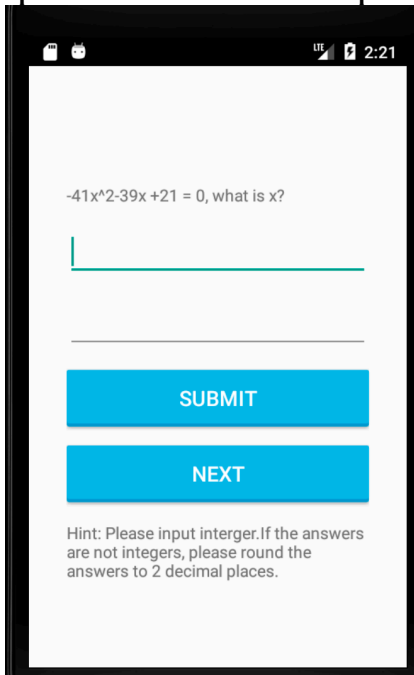
$-17x + 65 = 0$, what is x?

SUBMIT

NEXT

Hint: Please input interger. If the answers are not integers, please round the answers to 2 decimal places.

5. The first 5 questions are about linear equation while the next 5 questions are about quadratic equation.



The screenshot shows a mobile app interface with a black status bar at the top displaying the time 2:21. The main content area has a light gray background. At the top, the equation $-41x^2 - 39x + 21 = 0$ is displayed, followed by the text "what is x?". Below this is a green input field. Underneath the input field are two blue buttons: "SUBMIT" and "NEXT". At the bottom, a hint is displayed: "Hint: Please input interger. If the answers are not integers, please round the answers to 2 decimal places."

$-41x^2 - 39x + 21 = 0$, what is x?

SUBMIT

NEXT

Hint: Please input interger. If the answers are not integers, please round the answers to 2 decimal places.

6. Proper validation carried out.

$-41x^2 - 39x + 21 = 0$, what is x?

aaaa

Please input interger.

If the answers are not integers,
please round the answers to 2
decimal places.

NEXT

Hint: Please input interger.If the answers
are not integers, please round the
answers to 2 decimal places.

7. After completing 10 questions, display a summary telling the user the number of questions that has answered correctly, wrongly and given up. The summary should also inform the user the average time spent on each linear equation question and that on each quadratic equation question.

UID : 3035455216

HOME

Right	Wrong	Skip Num:
Num: 1	Num: 2	7

**Average time spent on
each question:**

Linear Equation: 2210.80(ms)
Quadratic Equation: 253.20(ms)