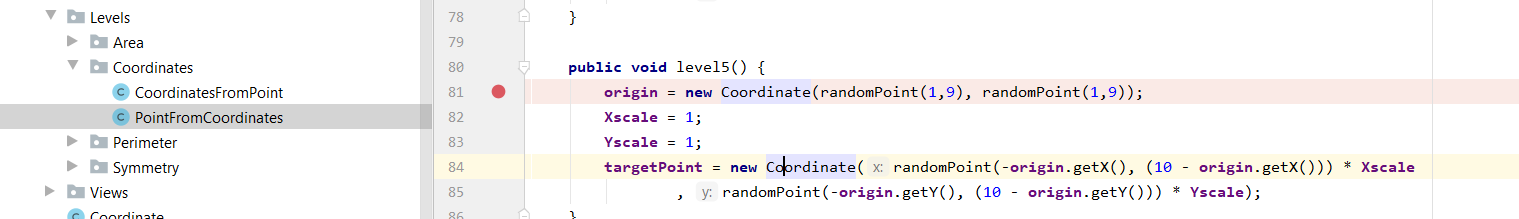
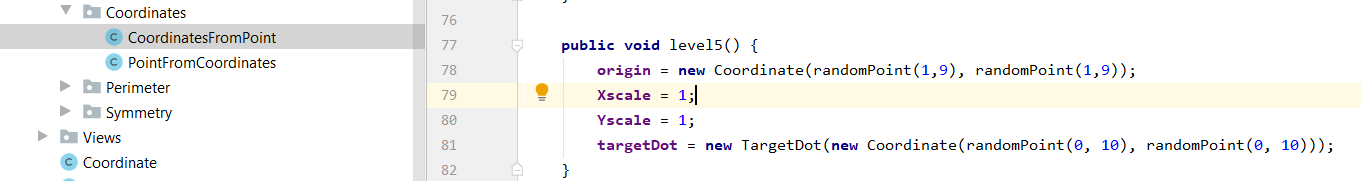
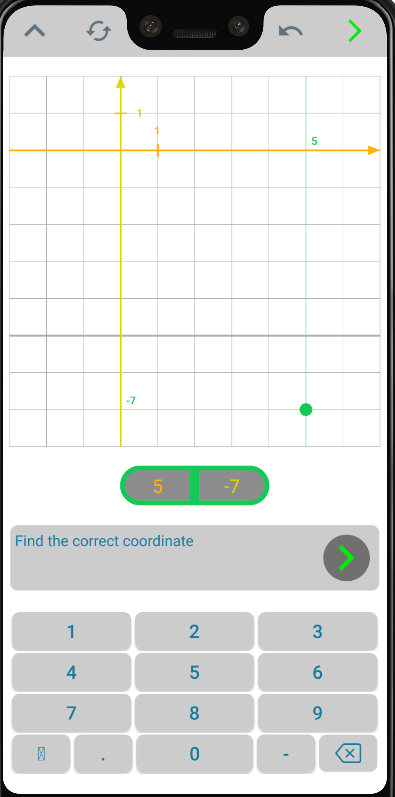
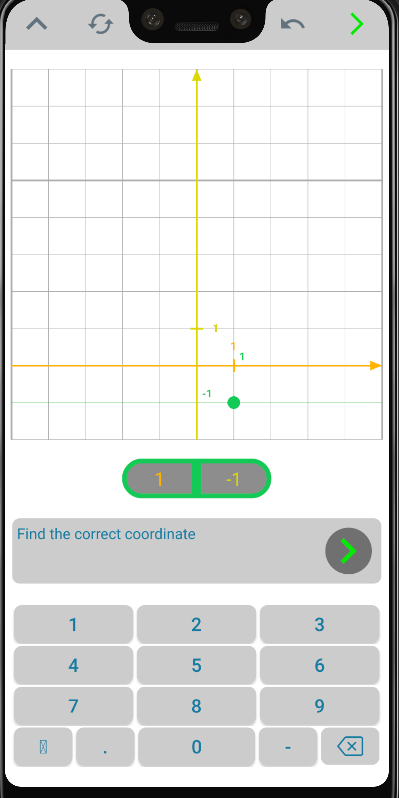
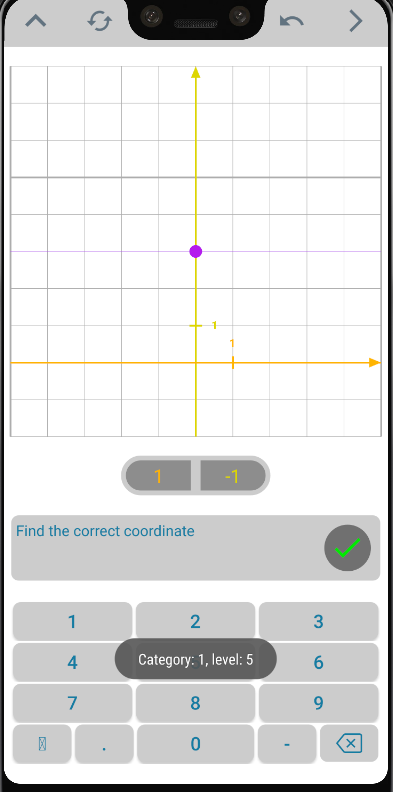
**Mistake in requirements**

The following two function were changed to achieve the random origin in level 5.

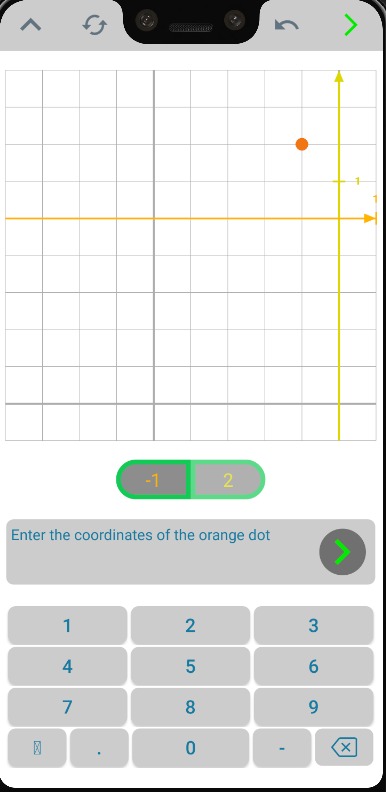
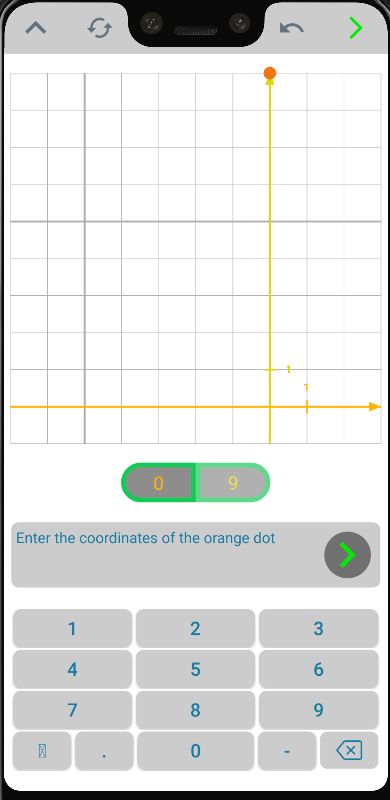




*Test for activity 1:5*

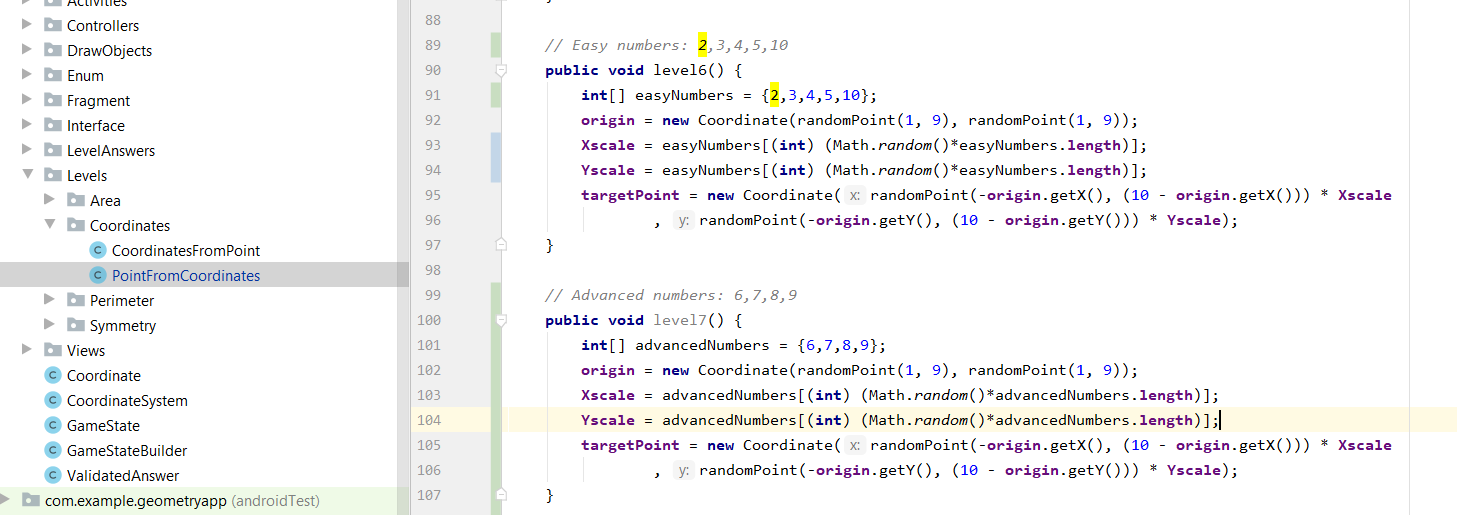


*Test for activity 2:5*

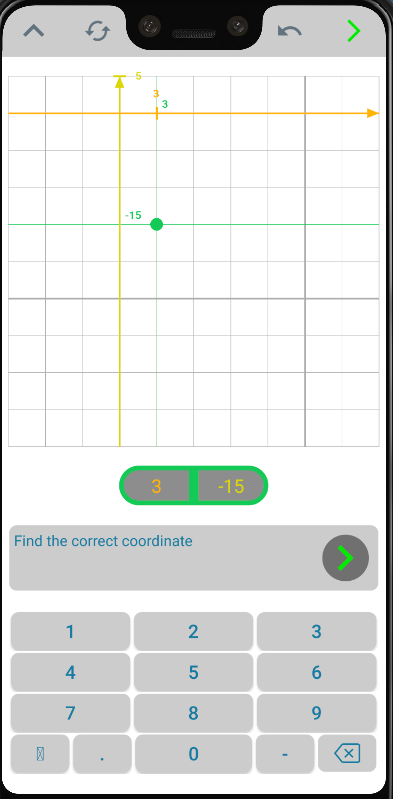
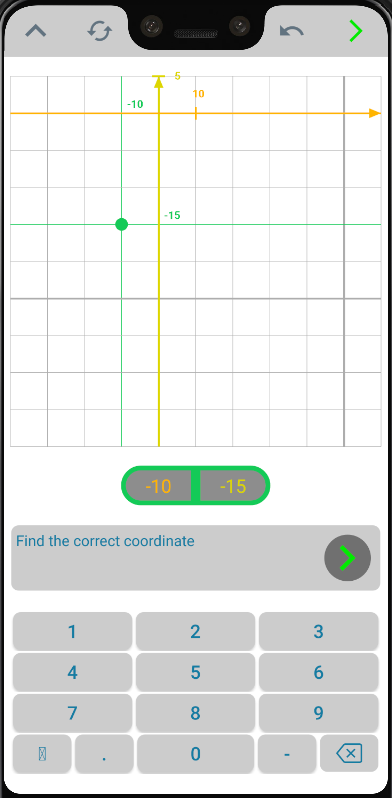


**Random X/Y scales**

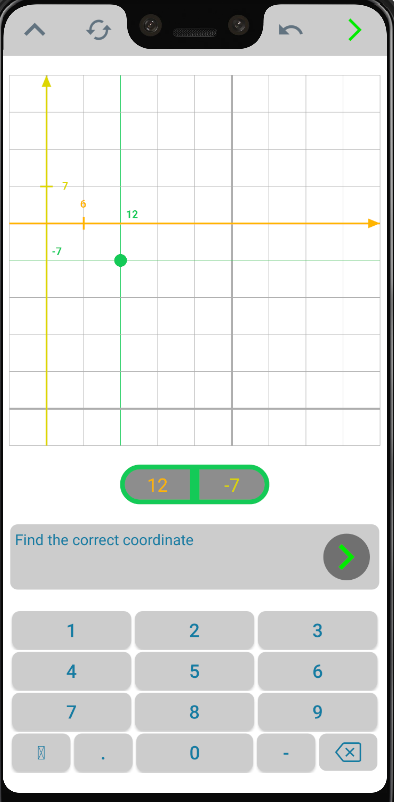
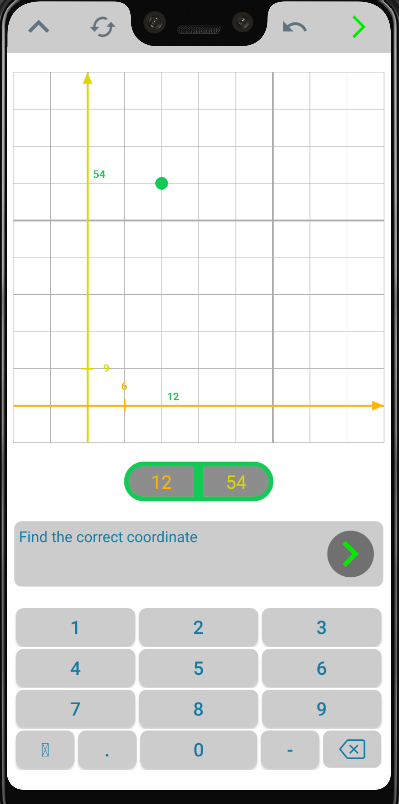
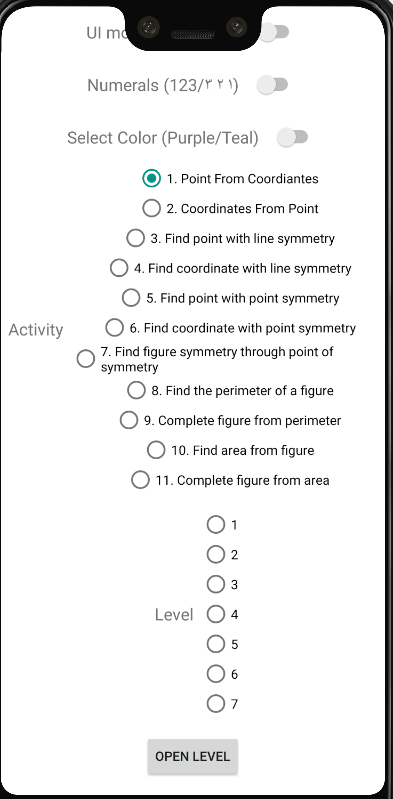
*Activity 1:6 / 1:7*: A new level was created to divide level 6 into an easy and advanced/difficult level as shown below:



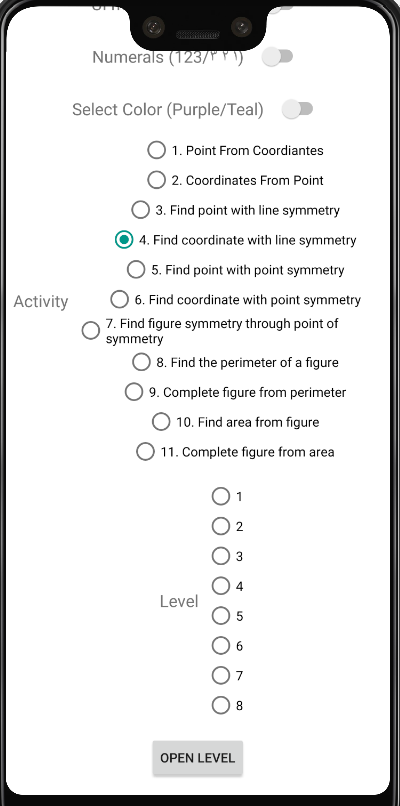
Test of easy level 1:6 with numbers 2,3,4,5,10.



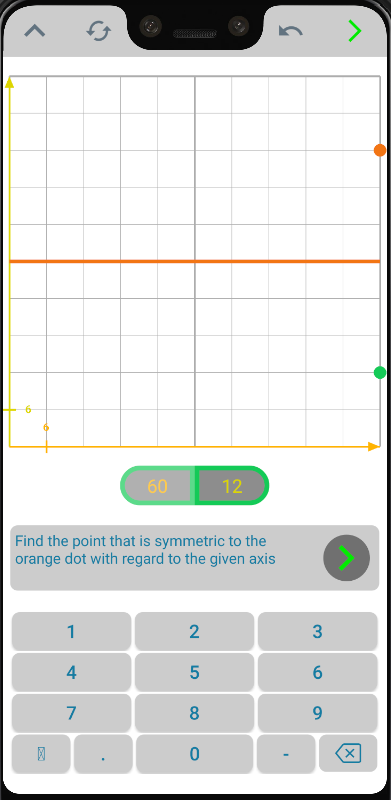
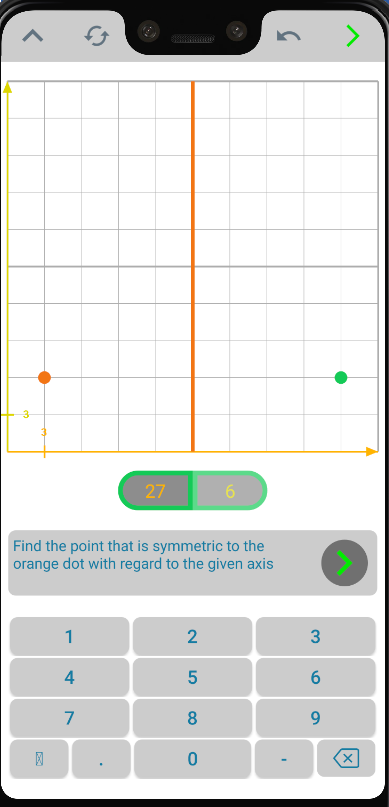
Test of advanced level 1:7 with numbers 6,7,8,9. The test images below shows that a 7th level has been added.



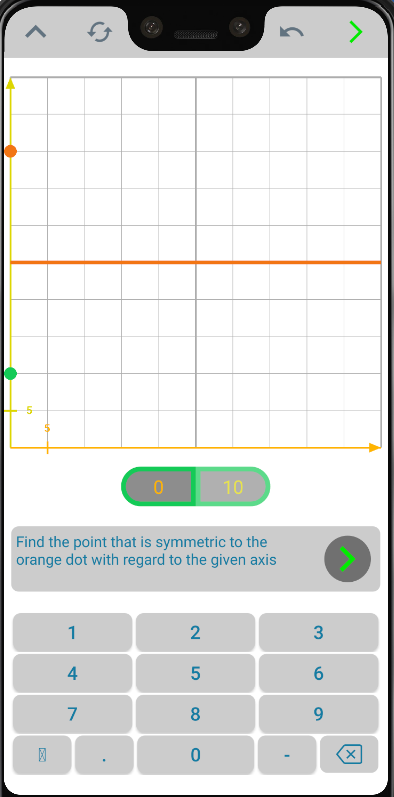
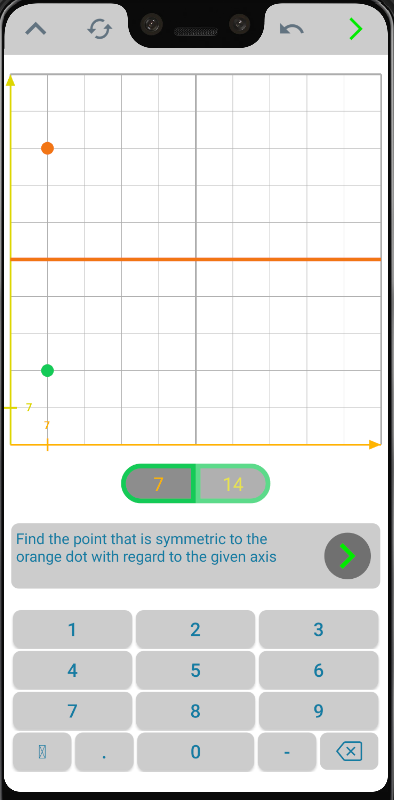
The initial four levels were divided into eight levels switching between easy and advanced/difficult numbers. Hence, eight levels are now available:



*Activity 4:1 / 4:2*

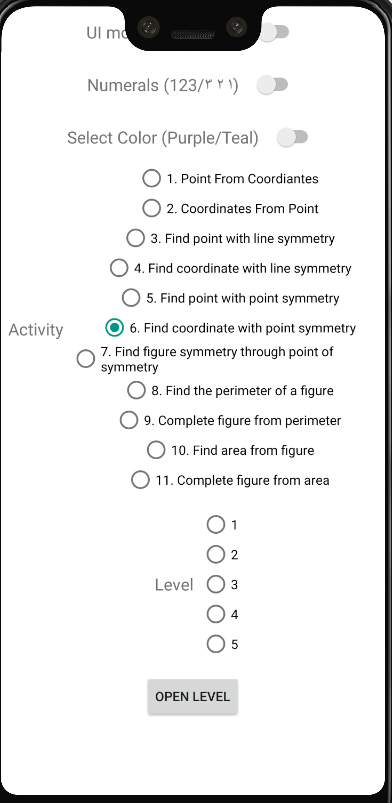


*Activity 4:3 / 4:4*

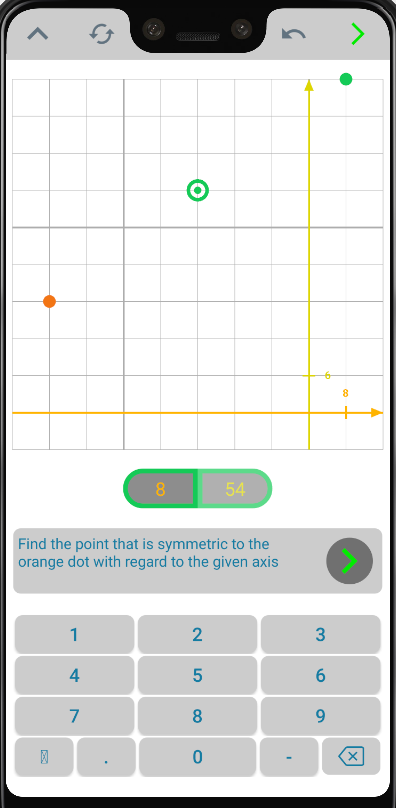
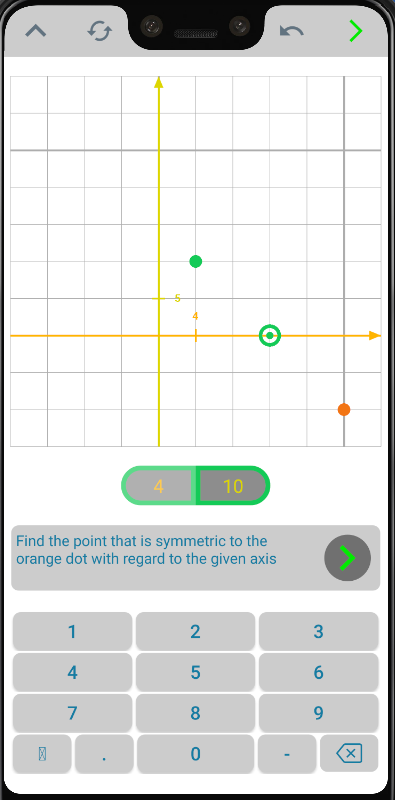
 

Activity 4:5 to 4:8 has not been documented.

To make activity 6:4 with easy and advanced numbers, a fifth level was added

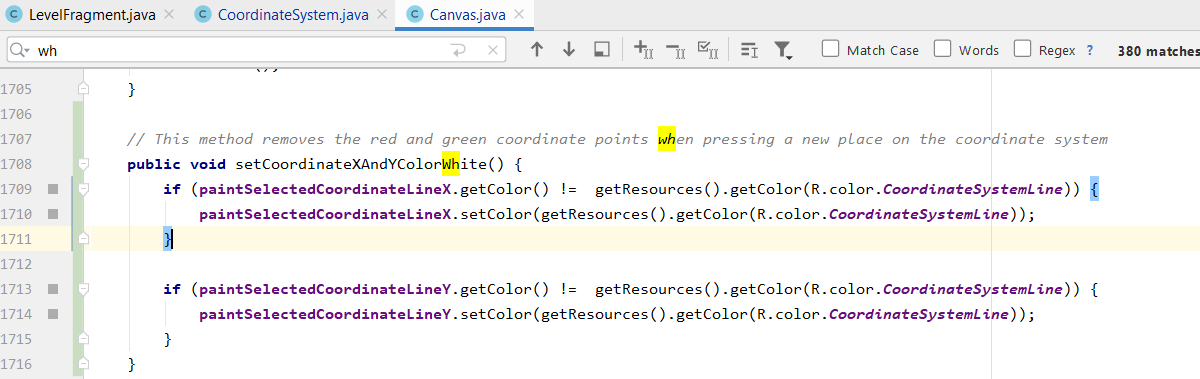


*Activity 6:4 / 6:5*

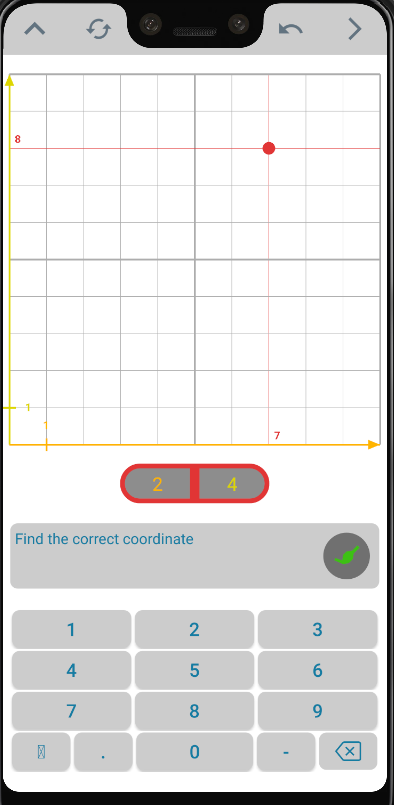
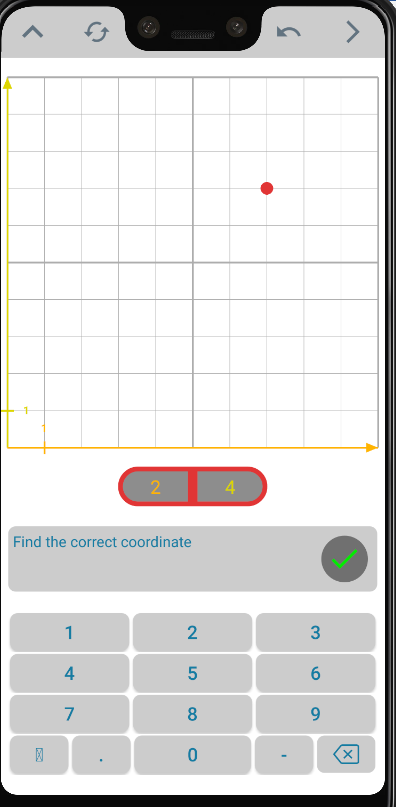


**Remove coordinates on axis when user choses a new point**

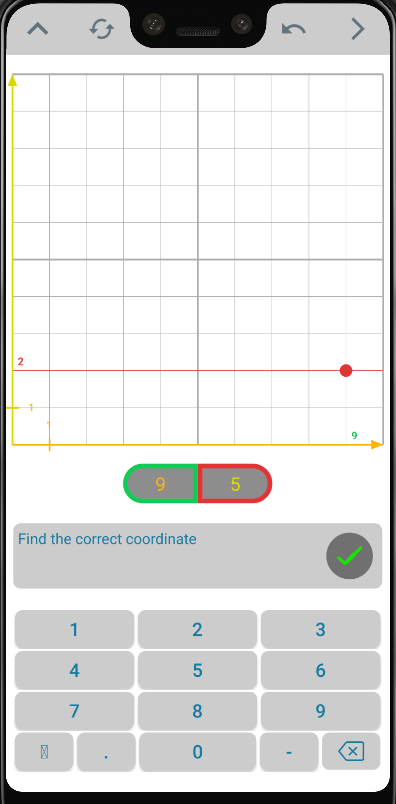
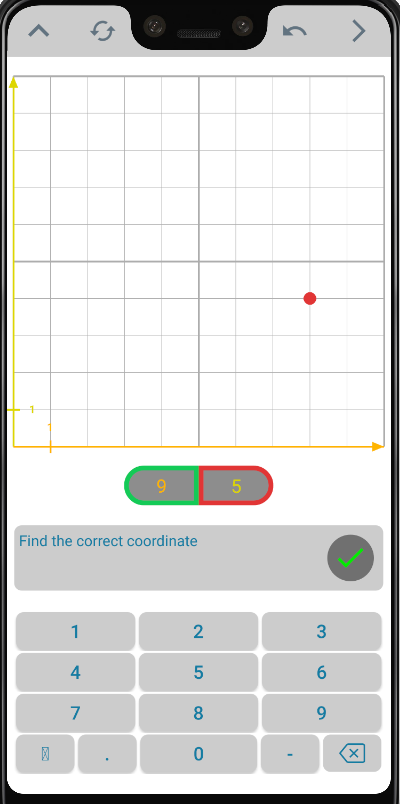
To remove the red and green coordinates after a wrong answer, a method was added to the touch event on the coordinate system. At every touch, an eventual red and/or green line will be set back to default (the color “CoordinateSystemLine”). The color is defined in “Values”.



To test the implementation, a wrong answer was selected in activity 1 as shown below. The wrong answer highlights the lines with red. The image to the right, shows a new click, where the lines has been removed.

Test with partial correct answer can be seen below. As expected, both the red and green line and coordinate is removed.

Test of symmetric on activity 6.

This test has been done typing a correct and wrong input to see if it marks the correct answer.

