

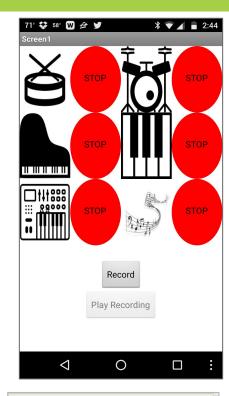
Open your MusicMaker project in (http://ai2.appinventor.mit.edu).

Add a **Player** component to your app by dragging it from the **Media** Drawer in the Designer Palette to the Viewer.

Rename it appropriately for your chosen instrument. In this example, the app plays drums.



Check the *Loop* option to play the sound repeatedly and set its *Source* to the appropriate sound file..

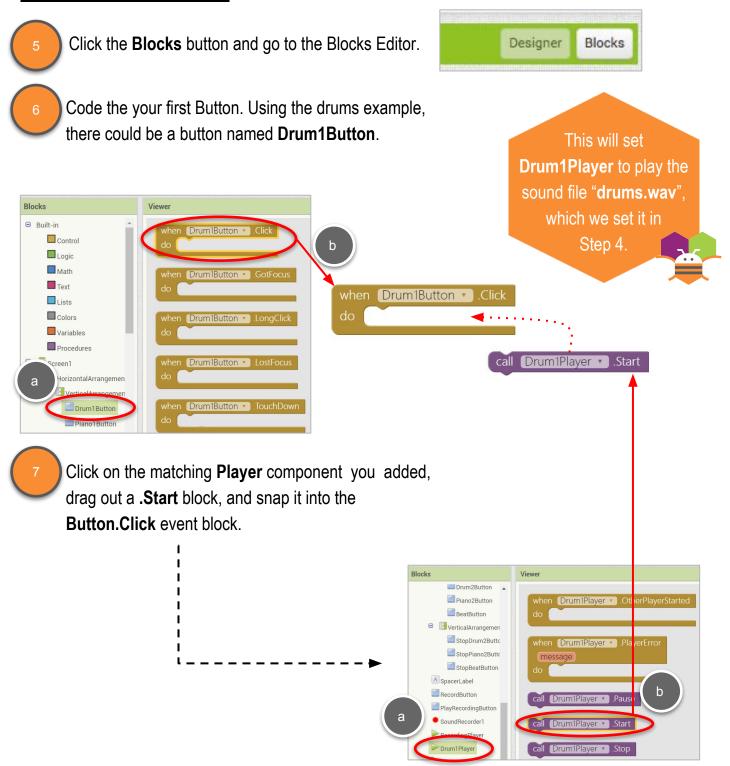








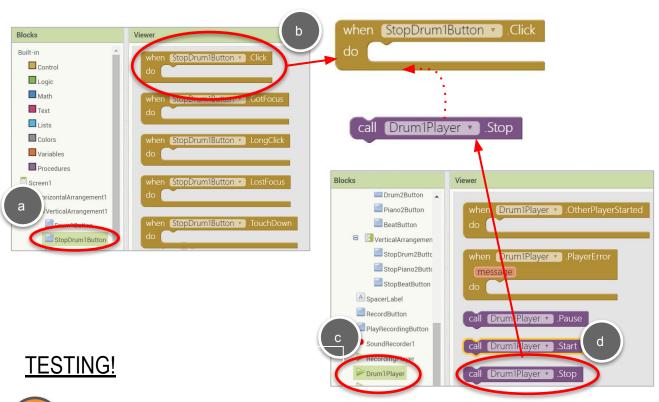
CODING THE BLOCKS





STOP THE DRUMS!

- The **Button** to stop the instrument sound uses the same idea. Drag out a **Button.Click** event block for the matching Stop Button for this instrument. Again, we'll use the Drums as an example.
- Drag out a matching **Player.Stop** block and snap it into the **StopButton.Click** event. This will make the **Player** stop playing.



Now test starting and stopping that instrument with your two Buttons!

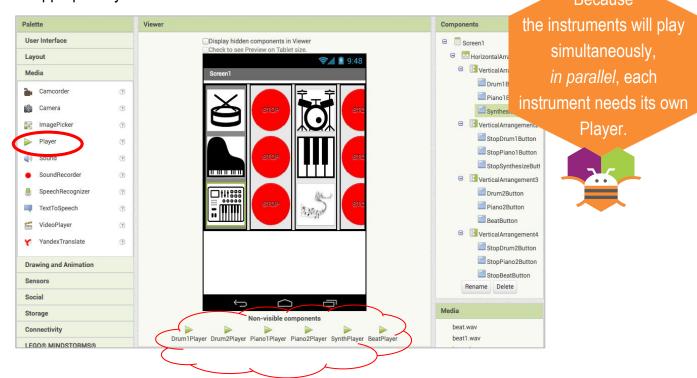




NOW DO THE REST!

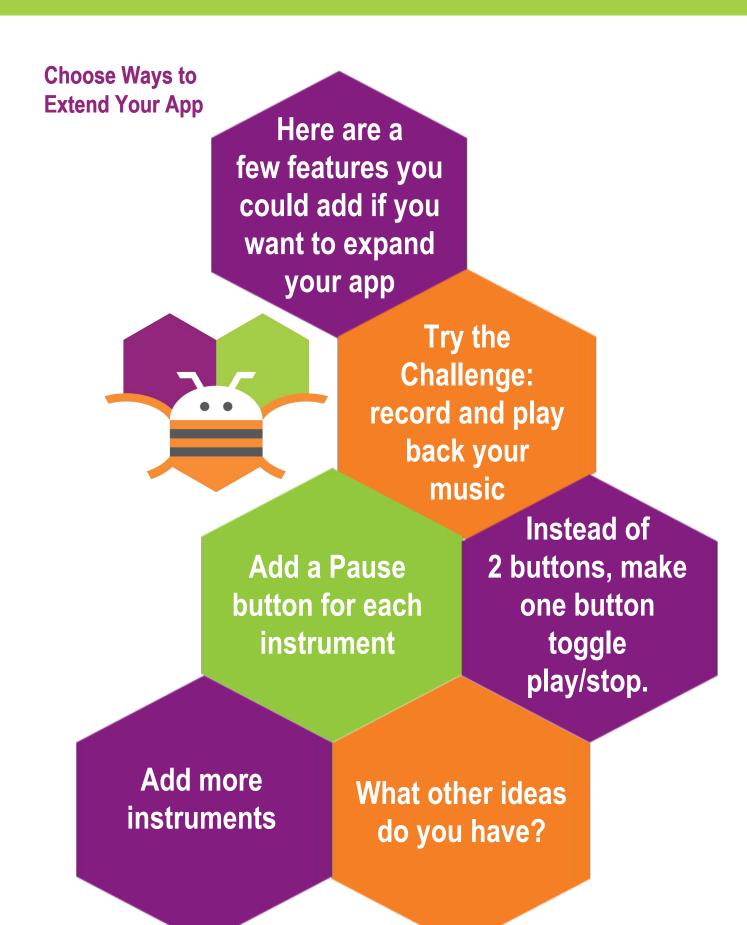
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Now that you have one Button set working, add code for your other instruments. Make sure you have a Button to start the instrument, and one to stop it. Also, make sure you add a new Player component for each instrument. Remember to name them appropriately!



After adding all your Buttons, test your app again. You should be able to play multiple instruments at the same time. Check that all the start and stop buttons work!





COMPUTATIONAL THINKING CONCEPTS

The following are the Computational Thinking Concepts covered in Part 2.

