

COMP 125

Visual Information Processing with Google App Inventor

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Lab: Paint Pot Starter

Overview

Complete the app in the text Chapter 2 through Test Your App following the addition of the Canvas1.Touched event. Stop right before the section titled “Adding the Drag Event That Draws a Line”

The text in this area includes:

A screenshot of the App Inventor website. The browser address bar shows "https://www.appinventor.org/Chapter2". The page has a navigation bar with "appinventor.org", "Build", "Learn", "Teach", "Share", "About", "Login", and a search box. The main content area has a blue background. It starts with a "Note" about typeblocking. Below that is a code block for a "when Canvas1.Touched" event. The code block contains a "do" block with "Canvas1.DrawCircle". The "DrawCircle" block has three arguments: "x" (with a "get X" block), "y" (with a "get Y" block), and "r" (with a "5" block). Below the code block is a small diagram showing a circle on a canvas. The text below the diagram says "When the user touches the DrawingCanvas, a circle of radius 5 will be drawn at the position of the touch (x,y)". Below that is a "Test your app" section with instructions. Then there is a section titled "Adding the Drag Event That Draws a Line" with a list of bullet points explaining touch vs. drag. Finally, there is a numbered list starting with "1. From the DrawingCanvas drawer, drag the DrawingCanvas.Dragged block to the workspace. You should see the event handler as it is shown in Figure 2-11." followed by a list of arguments for the "DrawingCanvas.Dragged" event.

What you need to do

Do only the part of the lab indicated above; you must stop there!. No points if you do the full app. You must stop at the point indicated above. Follow along in the text up to that point.

Follow the steps in the book carefully and learn how App Inventor works! If you get stuck, try going back and checking the last couple of steps.

Grading

10 points total. No points if you do too little or too much of the app. -2 points for minor errors. -5 points for major errors and missing elements in the designer or blocks editor.

V3 (updates for changes in online text)

9 September 2014

V2 (updates for App Inventor 2)

14 August 2014

V1 (original)

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