CIS 3515 Lab

Worksheet 7

Instructions: Adapt your application from the previous worksheet/lab (Color Picker with second language) to utilize two fragments for the color picker and palette, in place of 2 activities.
You will allow a user to select a color from an adapter view (Spinner, ListView or Gridview – your choice) in the palette fragment, and once selected, the information should be passed to the second fragment that will set its background to the selected color.

1. Create 2 fragments – PaletteFragment (your 'master'), and CanvasFragment (your 'details' activity).

2. PaletteFragment must contain an adapter view that will use a **custom adapter** to present to the user a set of color options. The views generated by the custom adapter should be simple TextViews, where the text value is the name of the color, and the background of the text view should be the color specified by the name. The displayed color name should adapt based on the device's language configuration.

3. When a user selects a color from the Adapter View, the detail fragment should receive the selected color via the parent activity and update its layout background to said color.

4. **You have one week to complete this assignment. Upload your project or a GitHub link to Blackboard, or make arrangements to show your work to the TA <u>BEFORE</u> the beginning of next week's lab.**

   NOTE

   Ensure that the PaletteFragment enforces the implementation of its interface by its parent activity when its attached. If the parent does not implement the interface the fragment should throw an exception.