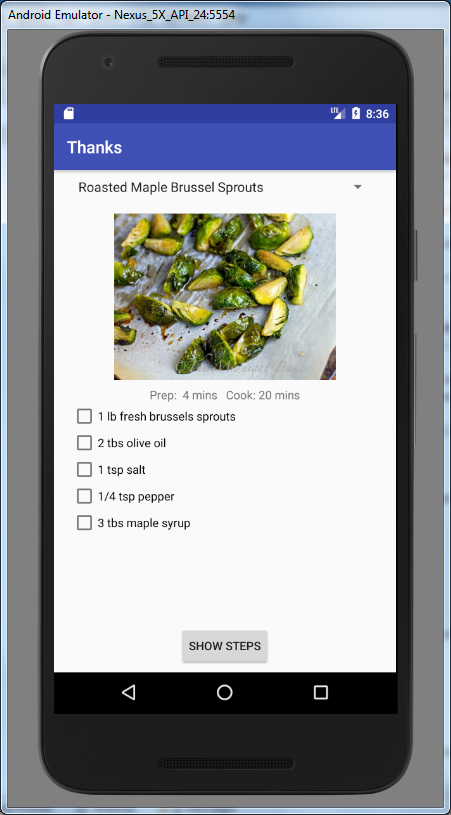
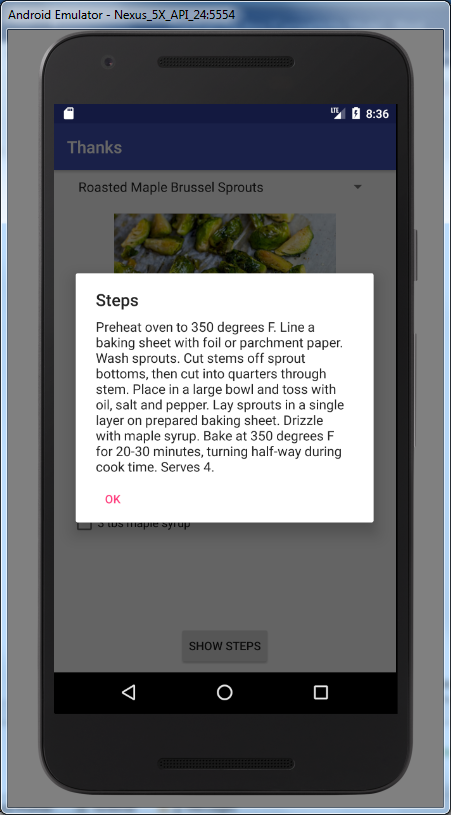
CSC 349

**Thanksgiving Side Dish**

The app allows the user to choose a Side Dish. It displays an image of the dish, the time to prepare and cook the dish, and the steps to prepare the dish. It also displays a dynamic set of checkboxes the user can use as a shopping list.

(If “this” doesn’t work try “getBaseContext()”.)

***Comment out code that doesn’t work that you wish to be considered for partial credit.***

I could not get the Potato-Leek dish to display. ??

1. Place the JSON file provided in the appropriate location.
2. Place the image files provided in the appropriate location.
3. The layout should have
   1. A spinner to hold the names of the sides
   2. An ImageView to display the picture (give it a height of 150dp)
   3. A TextView to display the prep and cook times
   4. A Linear Layout (with vertical orientation) for the dynamic checkboxes
   5. A Button to display the step-by-step instructions
4. (The layout items should be “constrained” horizontally and vertically.)
5. The onCreate method should read the JSON file thanks.json
6. The JSON object therein has a property called “sides” which is an array of objects having properties: sideName, image, ingredients, steps, prep time, and cook time
7. Use the names of sideName properties to populate a spinner
8. When the user changes the item selected in the spinner, the program should
   1. Display the corresponding image
   2. Display the corresponding prep and cook times
   3. (Remove any previous checkboxes using the LinearLayout’s .removeAllViews() method.)
   4. Split the ingredient property on a tilde ~ and use the resulting array to create a dynamic array of checkboxes that are added to the linear layout. (Your checkboxes may get cut off depending on the size of your linear layout.)
9. When the user clicks the Steps Buttons, adapt the code below to display an alert dialog

AlertDialog alertDialog = new AlertDialog.Builder(MainActivity.this).create();

alertDialog.setTitle("Alert");

alertDialog.setMessage("Alert message to be shown");

alertDialog.setButton(AlertDialog.BUTTON\_NEUTRAL, "OK",

new DialogInterface.OnClickListener() {

public void onClick(DialogInterface dialog, int which) {

dialog.dismiss();

}

});

alertDialog.show();

(https://stackoverflow.com/questions/26097513/android-simple-alert-dialog)

It requires an import. I used:

**import** android.support.v7.app.AlertDialog;

(For a slight reduction use a Toast.)

1. Nothing happens when the user checks the ingredient checkboxes

Source: [https://bakeatmidnite.com/10-thanksgiving-side-dishes/#](https://bakeatmidnite.com/10-thanksgiving-side-dishes/)