Intents with Data

Use your knowledge of Intents to pass data between activities

Procedure

1. Complete the "Activities and Intents" challenge, and start from that project being completed

2. Create a DetailActivity and set its content view to **activity_detail.xml**

3. Create a listener for the "Detail Activity" button in the SecondActivity to launch your new DetailActivity. (Don't forget to add it to the manifest)

4. Instead of using startActivity, use startActivityForResult and pass it a String of your choosing.

5. In the DetailActivity, get the intent that started you, and pull out the String you sent by unpacking the Bundle object from the intent's getExtras() method.

6. Display that data in a Toast message like this:

    Toast.makeText(this,"my string to show",Toast.LENGTH_SHORT).show();

7. Get a reference to the *spinnerSelection* View in your DetailActivity's onCreate

8. Create a listener for the *returnToSecondActivity* button that calls that spinner's getSelectedItem().toString() methods and stores them in a new Intent.

9. use the setResult() and finish() methods to return that data BACK to the SecondActivity

10. In your SecondActivity, override the onActivityResult() method and display the selection from the DetailActivity's spinner in the *userSelection* TextView. (Note: you will have to get a reference to the userSelection TextView first.

11. Run the program and verify it works. Be impressed with how much functionality you just added to this application.