# Manisha Vyas

Question:

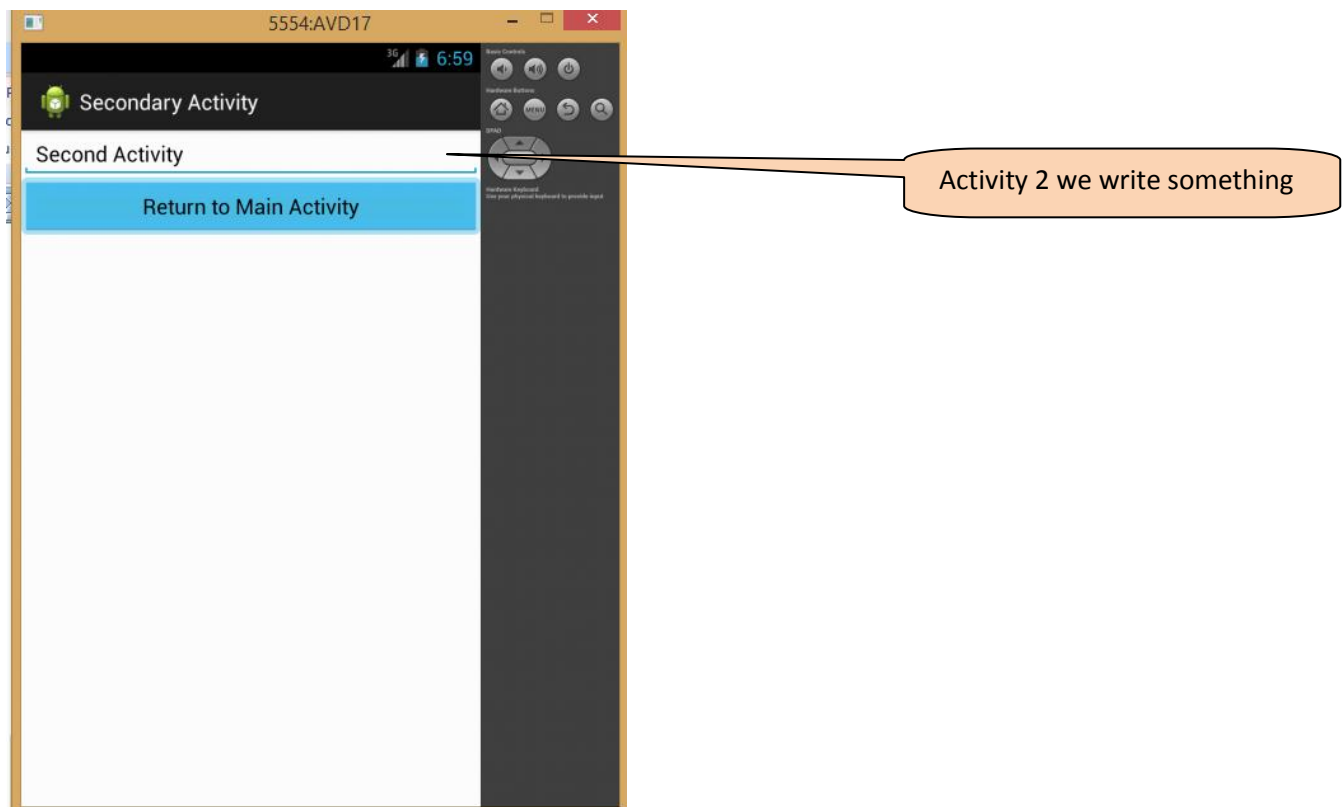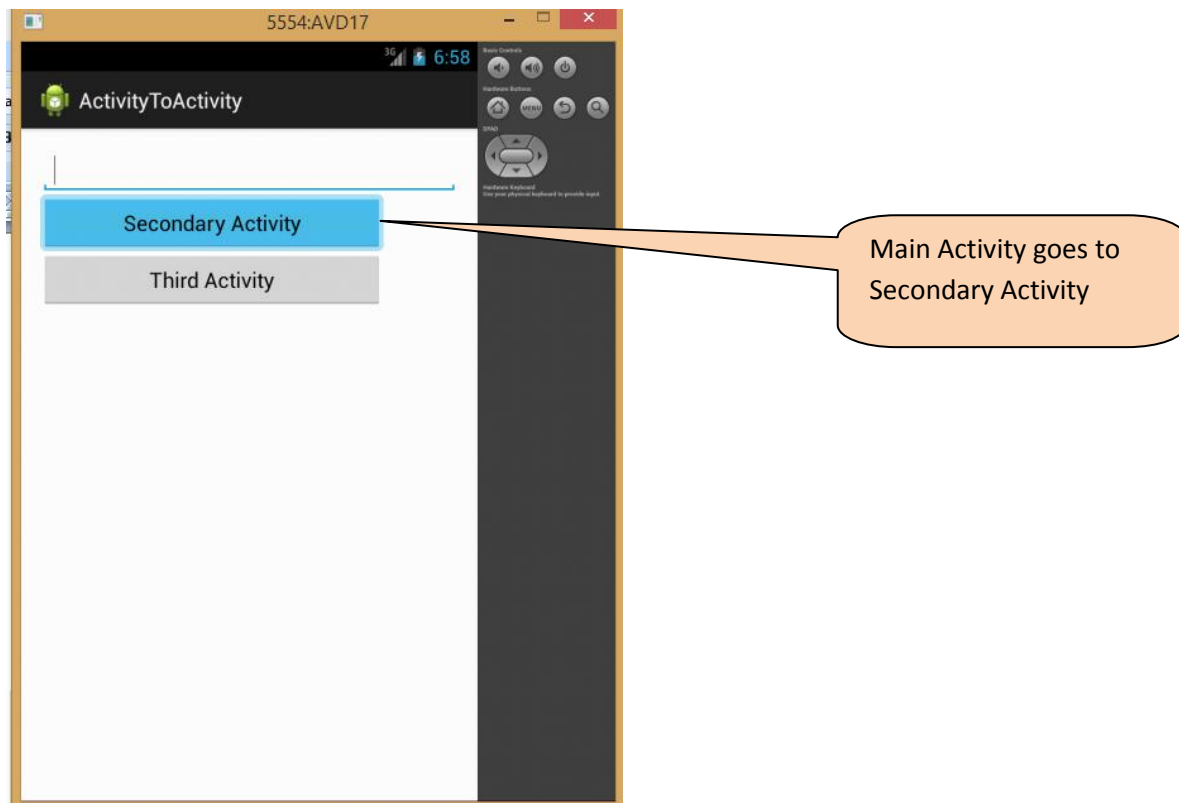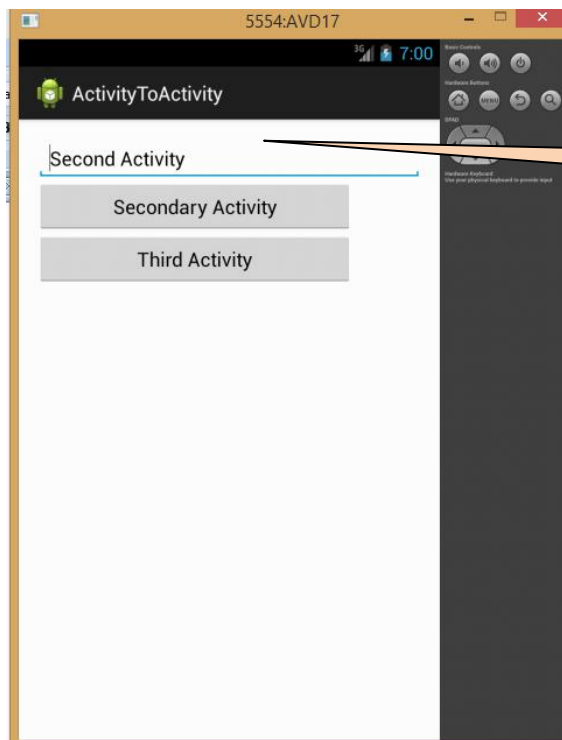Activity to Activity

Create an application with the following features:

A. On start the application shows the main screen (MAIN ACTIVYT) with 2 buttons and an EditText.
   a. Button1 is named "Click To Secondary Activity". If the button is pressed Screen2 (SECONDARY ACTIVITY) is displayed.
   b. Button2 is named "Click To Third Activity". If the button is pressed Screen3 (THIRD ACTIVITY) is displayed.

B. On clicking Button1 (i.e., the button named "Click To Secondary Activity")

a. Launch another screen (using another activity) named Screen2 (SECONDARY ACTIVITY) which
   1. has one button named "Click To Return to Main Activity". Pressing the button will go back to the main screen (MAIN ACTIVITY).
   2. has an EditText for the users to enter data.
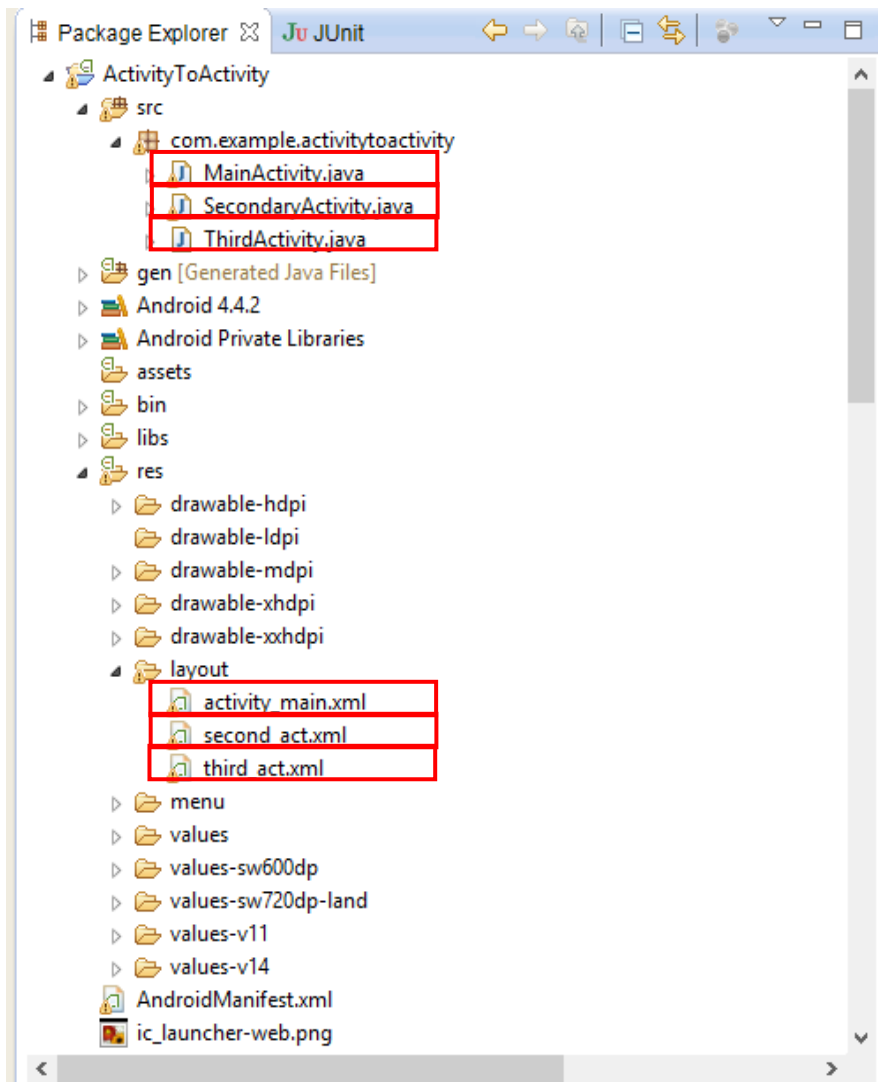
We will be mainly working with :
Three Activity
and its three XML

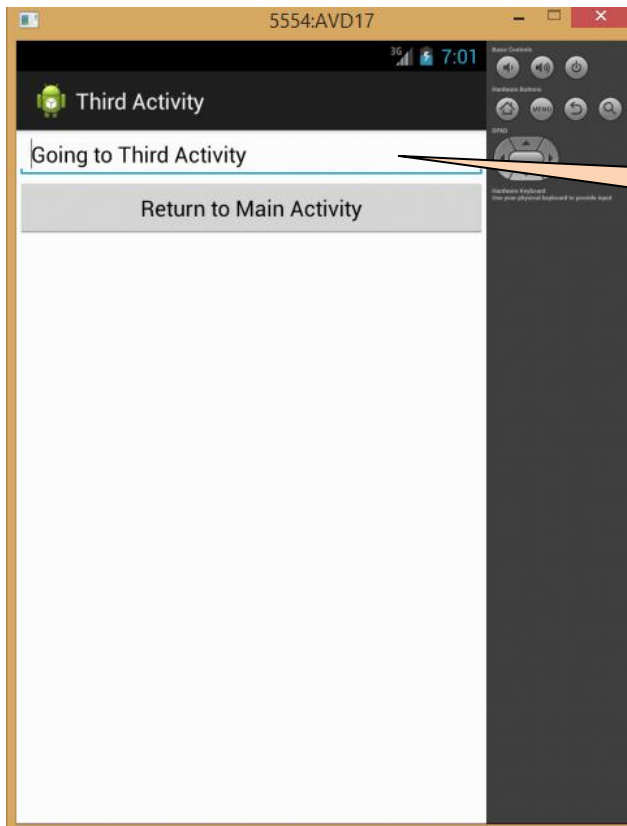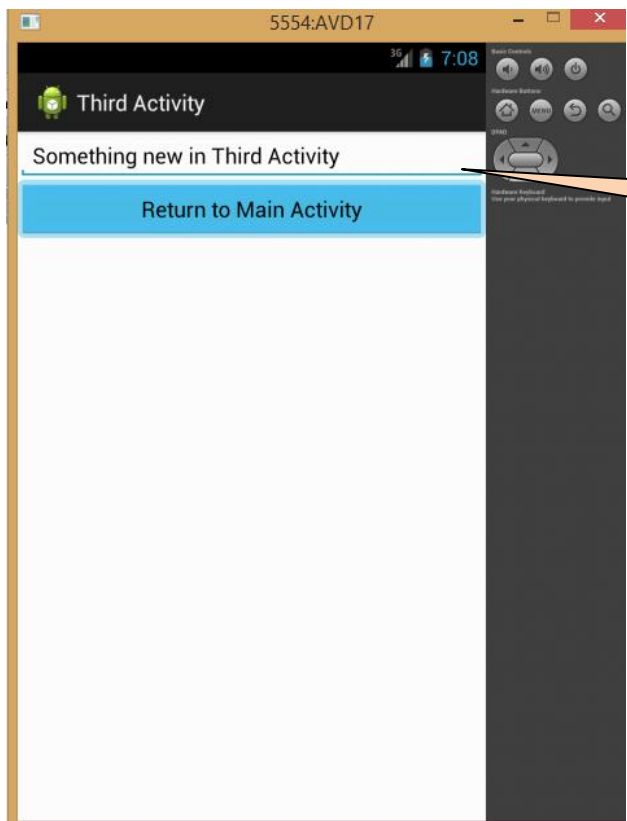Main Activity goes to Secondary Activity

Activity 2 we write something
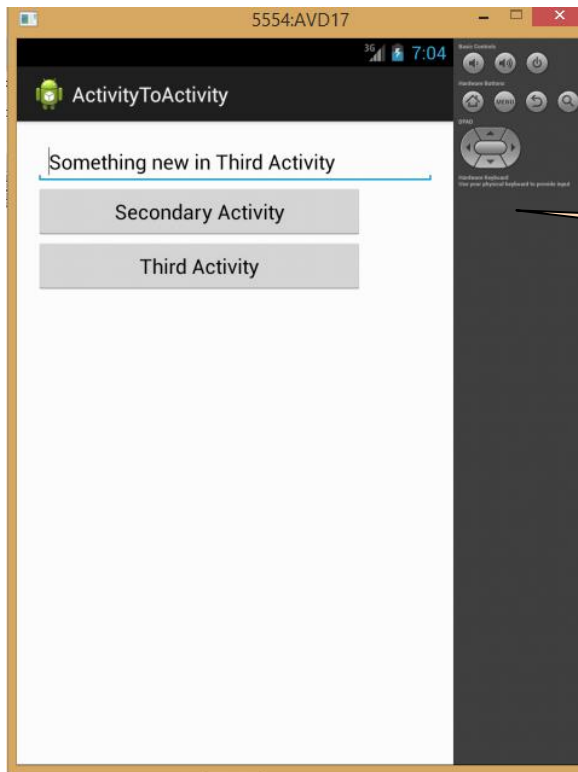
Same Text prints in main activity EditText box
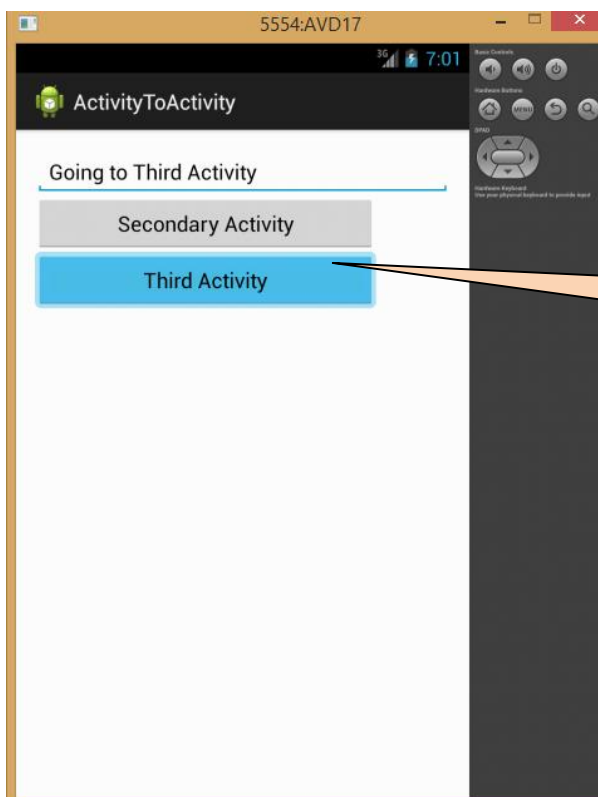
Change Some Text in Main Activity and press ThirdActivity Button

Third Activty EditText Open with the same Text as main Activity.

If we change Text inside Third Activity and returns back to main Activity.

We have the same text what we entered into ThirdActivity

AndroidManifest.xml

```xml
<?xml version="1.0" encoding="utf-8"?>
<manifest xmlns:android="http://schemas.android.com/apk/res/android"
    package="com.example.activitytoactivity"
    android:versionCode="1"
    android:versionName="1.0" >

    <uses-sdk
        android:minSdkVersion="8"
        android:targetSdkVersion="18" />

    <application
        android:allowBackup="true"
        android:icon="@drawable/ic_launcher"
        android:label="@string/app_name"
        android:theme="@style/AppTheme" >
        <activity
            android:name="com.example.activitytoactivity.MainActivity"
            android:label="@string/app_name" >
            <intent-filter>
                <action android:name="android.intent.action.MAIN" />
                <category android:name="android.intent.category.LAUNCHER" />
            </intent-filter>
        </activity>
```

```xml
        <activity
            android:name=".SecondaryActivity"
            android:label="@string/sec_name">
        </activity>
        <activity
            android:name=".ThirdActivity"
            android:label="@string/third_name">
        </activity>
    </application>

</manifest>
```

//MainActivity.java

```java
package com.example.activitytoactivity;

import android.os.Bundle;
import android.app.Activity;
import android.content.Intent;
import android.view.Menu;
import android.view.View;
import android.widget.Button;
import android.widget.TextView;
import android.widget.Toast;

public class MainActivity extends Activity {

    private static final int SECOND_ACTIVITY = 1;
    private static final int THIRD_ACTIVITY = 2;

    Button btnsec, btnthird,bt1;
    TextView txtmain;

    @Override
    public void onCreate(Bundle savedInstanceState) {
        super.onCreate(savedInstanceState);
        setContentView(R.layout.activity_main);

        btnsec = (Button) findViewById(R.id.second);
        //bt1 = (Button) findViewById(R.id.button1);
        btnthird = (Button) findViewById (R.id.third);
        txtmain = (TextView) findViewById(R.id.txtmain);

        btnsec.setOnClickListener(new View.OnClickListener() {
            @Override
            public void onClick(View v) {
                Intent intent = new
Intent(MainActivity.this,SecondaryActivity.class);
                startActivityForResult(intent, SECOND_ACTIVITY);
            }
        });
        btnthird.setOnClickListener(new View.OnClickListener() {
```

```java
                    @Override
                    public void onClick(View v) {
                            Intent intent = new
Intent(MainActivity.this,ThirdActivity.class);
                            intent.putExtra("PassToThird", txtmain.getText().toString());
                            startActivityForResult(intent, THIRD_ACTIVITY);


                    }
            });
    }
    @Override
    public void onActivityResult(int requestCode, int resultCode, Intent data)
    {
        super.onActivityResult(requestCode, resultCode, data);
        switch (requestCode)
          {
                case SECOND_ACTIVITY:
                {
                        if(resultCode == Activity.RESULT_OK)
                        {
                                String txt = data.getStringExtra("Text");
                                txtmain.setText(txt);
                        }
                        break;
                }
                case THIRD_ACTIVITY :
                {
                    if (resultCode == Activity.RESULT_OK)
                    {
                            String txt = data.getStringExtra("Text");
                            txtmain.setText(txt);
                    }
                    break;
                }
        }

    }


    @Override
    public boolean onCreateOptionsMenu(Menu menu) {
            // Inflate the menu; this adds items to the action bar if it is present.
            getMenuInflater().inflate(R.menu.main, menu);
            return true;
    }

}
```

//SecondaryActivity.java

```java
package com.example.activitytoactivity;

import android.app.Activity;
import android.content.Intent;
import android.os.Bundle;
import android.view.View;
import android.widget.Button;
import android.widget.EditText;
import android.widget.TabHost;

public class SecondaryActivity extends Activity {

    Button btn_sec;
    EditText txtsec;

    @Override
    public void onCreate(Bundle savedInstanceState) {
        super.onCreate(savedInstanceState);
        setContentView(R.layout.second_act);

    btn_sec = (Button) findViewById(R.id.btn_sec);
    txtsec = (EditText) findViewById(R.id.txtsec);

    btn_sec.setOnClickListener(new View.OnClickListener() {
                @Override
                public void onClick(View v) {
                        Intent result = new Intent();
                        result.putExtra("Text",txtsec.getText().toString());
                        setResult(RESULT_OK, result);

                        finish();
                }
        });
    }
}
```

//ThirdActivity.java

```java
package com.example.activitytoactivity;

import android.app.Activity;
import android.content.Intent;
import android.os.Bundle;
import android.view.View;
import android.widget.Button;
import android.widget.EditText;

public class ThirdActivity extends Activity {
    Button btn_third;
    EditText txtthird;
```

```java
    @Override
public void onCreate(Bundle savedInstanceState) {
    super.onCreate(savedInstanceState);
    setContentView(R.layout.third_act);

    btn_third = (Button) findViewById(R.id.btn_third);
    txtthird = (EditText) findViewById(R.id.txtthird);

    String mainval = this.getIntent().getStringExtra("PassToThird");
    txtthird.setText(mainval);
    btn_third.setOnClickListener(new View.OnClickListener() {
            @Override
            public void onClick(View v) {
                    Intent result = new Intent();
                    result.putExtra("Text",txtthird.getText().toString());
                    setResult(RESULT_OK, result);

                    finish();
            }
        });
    }
}
```