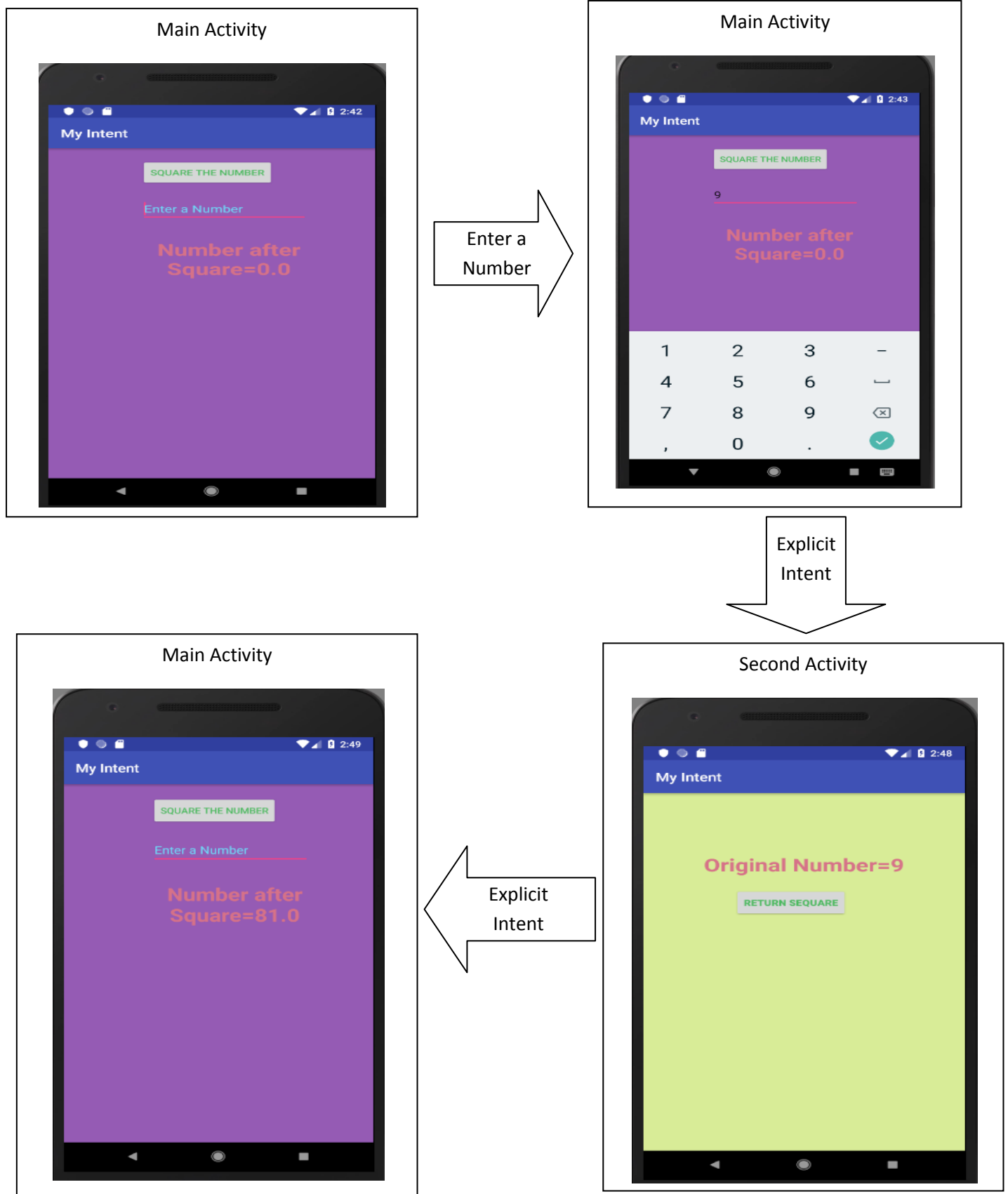


Intent Pass a Number ==> return the number after squaring

Explicit Intent



color.xml file

```
<resources>
    <color name="colorPrimary">#3F51B5</color>
    <color name="colorPrimaryDark">#303F9F</color>
    <color name="colorAccent">#FF4081</color>
    <color name="ACT1">#955bb4</color>
    <color name="ACT2">#d8ec97</color>
    <color name="tvcolor">#d67288</color>
    <color name="buttcolor">#4cba60</color>
    <color name="editcolor">#6ddcfa</color>
</resources>
```

XML files

Main Activity	Second Activity
<pre><LinearLayout android:layout_width="match_parent" android:layout_height="match_parent" android:background="@color/ACT1" android:orientation="vertical" tools:context=".FirstACT"> <Button android:id="@+id/sned_seq" android:layout_width="wrap_content" android:layout_height="wrap_content" android:text="Square the number" android:onClick="seqnum" android:textColor="@color/buttcolor" android:layout_marginLeft="117dp" android:layout_marginTop="20dp"/> <EditText android:id="@+id/edit_seq" android:layout_width="wrap_content" android:layout_height="wrap_content" android:ems="10" android:inputType="number" android:hint="Enter a Number " android:layout_marginLeft="117dp" android:textColorHint="@color/editcolor" android:layout_marginTop="20dp"/> <TextView android:id="@+id/textView_seq" android:layout_width="221dp" android:layout_height="98dp" android:layout_marginLeft="117dp" android:layout_marginTop="20dp" android:gravity="center" android:text="seuare result:" android:textColor="@color/tvcolor" android:textSize="30sp" android:textStyle="bold" /> </LinearLayout></pre>	<pre><LinearLayout android:layout_width="match_parent" android:layout_height="match_parent" android:background="@color/ACT2" android:orientation="vertical" tools:context=".SecondACT"> <TextView android:id="@+id/add_seq" android:layout_width="wrap_content" android:layout_height="wrap_content" android:textSize="30sp" android:layout_gravity="center" android:layout_marginTop="100dp" android:textStyle="bold" android:textColor="@color/tvcolor" android:text="message" /> <Button android:id="@+id/button_seq" android:layout_width="wrap_content" android:layout_height="wrap_content" android:textStyle="bold" android:textColor="@color/buttcolor" android:gravity="center" android:layout_marginLeft="117dp" android:layout_marginTop="20dp" android:onClick="retnum" android:text="Return Square" /> </LinearLayout></pre>

JAVA file

Main Activity	Second Activity
<pre> public class FirstACT extends AppCompatActivity { EditText seqn; TextView tvseq; @Override protected void onCreate(Bundle savedInstanceState) { super.onCreate(savedInstanceState); setContentView(R.layout.activity_first_act); seqn=(EditText) findViewById(R.id.edit_seq); tvseq=(TextView) findViewById(R.id.textView_seq); //Receiving the Squared number from the Second Activity Intent seqn; seqn=getIntent(); double n=0.0; n=seqn.getDoubleExtra("123seq",n); tvseq.setText("Number after Square="+String.valueOf(n)); } public void seqnum(View view) { //Sending the entered number to the Second Activity int num; num=Integer.parseInt(seqn.getText().toString()); Intent myseq= new Intent(FirstACT.this,SecondACT.class); myseq.putExtra("code",num); startActivity(myseq);} } </pre>	<pre> public class SecondACT extends AppCompatActivity { public TextView addseq; public int v=0; @Override protected void onCreate(Bundle savedInstanceState) { super.onCreate(savedInstanceState); setContentView(R.layout.activity_second_act); addseq=(TextView) findViewById(R.id.add_seq); //Receiving Data from the First Activity Intent myintseq; myintseq=getIntent(); v=myintseq.getIntExtra("code",v); addseq.setText("Original Number="+String.valueOf(v)); } //Button Code public void retnum(View view) { //Send the number after squared it to the first activity double num=0.0; Intent retseq= new Intent(SecondACT.this,FirstACT.class); num=Math.pow(v,2); retseq.putExtra("123seq",num); startActivity(retseq); } } </pre>