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Mobile Application Development (BSc-IT 5) Mid term Practical Examination.

Solution 1: XML File coding 1 (Main Activity - 1 Code).

```
<?xml version = "1.0" encoding = "utf-8"?>
```

```
< RelativeLayout
```

```
    xmlns:android = "http://schemas.android.com/apk/res/android"
```

```
    xmlns:app = "http://schemas.android.com/apk/res-auto"
```

```
    xmlns:tools = "http://schemas.android.com/tools"
```

```
    android:layout_width = "match_parent"
```

```
    android:layout_height = "match_parent"
```

```
    tools:context = ".MainActivity">
```

```
< TextView
```

```
    android:layout_width = "match_parent"
```

```
    android:layout_height = "wrap_content"
```

```
    android:text = "Hello, This is Activity 1"
```

```
    android:gravity = "center"
```

```
    android:layout_marginTop = "80dp"
```

```
    android:textSize = "40dp"
```

```
    android:textColor = "@color/red_200"
```

```
    android:textStyle = "bold"
```

```
    android:id = "@+id/tv_1"/>
```

```
< Button
```

```
    android:layout_width = "wrap_content"
```

```
    android:layout_height = "wrap_content"
```

```
    android:layout_below = "@+id/tv_1"
```

```
    android:layout_marginTop = "60dp"
```

```
    android:id = "@+id/btn_1"
```

```
    android:layout_centerHorizontal = "true"
```

```
    android:text = "Click Here for Activity 2"/>
```

```
</RelativeLayout>
```

*Mohit Negi*

Java Code:

```
package com. example . explicit - intent ;
```

```
import  
android. appcompat. app. AppCompatActivity ;
```

```
import android. content. Intent ; import  
android. os. Bundle ; import  
android. view. View ; import  
android. widget. Button ;
```

```
import android. widget. TextView ;
```

```
public class MainActivity extends  
AppCompatActivity { TextView tv ;  
Button btn ; @Override
```

```
protected void onCreate (Bundle savedInstanceState) {  
super. onCreate (savedInstanceState) ;  
setContentView (R. layout . activity - main) ;
```

```
tv = findViewById (R. id . tv _ 1)
```

```
btn = findViewById (R. id . btn1) ;
```

```
btn. setOnClickListener (new View. OnClickListener () {
```

```
Intent i = new
```

```
Intent (get Application Context (). Activity2. class) ;
```

```
start Activity (i) ;
```

```
}
```

```
});
```

```
}
```

```
};
```

*Amol Inagi*



XML file coding 2 (Main Activity - 2 Code).

```
<?xml version="1.0" encoding="utf-8"?>
```

```
<RelativeLayout
```

```
xmlns:android="http://schemas.android.com/apk/res/android"
```

```
xmlns:app="http://schemas.android.com/apk/res-auto"
```

```
xmlns:tools="http://schemas.android.com/tools"
```

```
android:layout_width="match_parent"
```

```
android:layout_height="match_parent"
```

```
tools:context=".Activity2">
```

```
<TextView
```

```
android:layout_width="match_parent"
```

```
android:layout_height="wrap_content"
```

```
android:text="Hello. This is Activity 2"
```

```
android:textSize="40dp"
```

```
android:layout_centerHorizontal="true"
```

```
android:layout_centerVertical="true"
```

```
android:textColor="@color/red_200"/>
```

```
<RelativeLayout>
```