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Sub : Mobile App development

Assignment 7.2

Aim : Create an application for demo of starting new activity using intent.

➤ .XML code 1

```
➤ <?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"
    android:background="@drawable/clg"
    tools:context=".MainActivity">

    <TextView
        android:layout_width="wrap_content"
        android:layout_height="wrap_content"
        android:text="Activity 1"
        android:fontFamily="serif"
        android:textSize="50dp"
        android:id="@+id/act1"
        android:layout_centerHorizontal="true"
        android:layout_marginTop="230dp"
        android:textColor="#115DAA"
    ></TextView>

    <Button
        android:layout_width="wrap_content"
        android:layout_height="wrap_content"
        android:text="Next page"
        android:layout_below="@+id/act1"
        android:layout_marginTop="90dp"
        android:id="@+id/next"
        android:layout_centerHorizontal="true"></Button>

</RelativeLayout>
```

➤ .xml 2

```
<?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"
android:background="@drawable/clg"
tools:context=".MainActivity2">

<TextView
    android:layout_width="wrap_content"
    android:layout_height="wrap_content"
    android:text="Activity 2"
    android:textSize="50dp"
    android:layout_centerHorizontal="true"
    android:layout_marginTop="250dp"
    android:textColor="#123"
    android:fontFamily="serif"
    android:textStyle="bold"></TextView>

</RelativeLayout>

```

➤ .JAVA code

```

➤ package com.example.a72apk;

import androidx.appcompat.app.AppCompatActivity;

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

public class MainActivity extends AppCompatActivity {
    Button b1;
    @Override
    protected void onCreate(Bundle savedInstanceState) {
        super.onCreate(savedInstanceState);
        setContentView(R.layout.activity_main);
        b1=(Button)findViewById(R.id.next);

        b1.setOnClickListener(new View.OnClickListener() {
            @Override
            public void onClick(View view) {
                Intent intent = new Intent(MainActivity.this,
                MainActivity2.class);
                startActivity(intent);
            }
        });
    }
}
➤

```

.java 2

```

package com.example.a72apk;

import androidx.appcompat.app.AppCompatActivity;

```

```
import android.os.Bundle;

public class MainActivity2 extends AppCompatActivity {

    @Override
    protected void onCreate(Bundle savedInstanceState) {
        super.onCreate(savedInstanceState);
        setContentView(R.layout.activity_main2);
    }
}
```

➤ Screenshots



