**Experiment-9th**

**AIM:-** Write a program to start another activity using explicit intent to enter user’s information and process response from the activity started in main activity. Use StartActivityForResult.

**Source Code:-**

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

<android.support.constraint.ConstraintLayoutxmlns: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="example.javatpoint.com.explicitintent.FirstActivity">

<TextView

android:layout\_width="wrap\_content"

android:layout\_height="wrap\_content"

android:layout\_marginEnd="8dp"

android:layout\_marginStart="8dp"

android:layout\_marginTop="8dp"

android:text="First Activity"

app:layout\_constraintBottom\_toBottomOf="parent"

app:layout\_constraintEnd\_toEndOf="parent"

app:layout\_constraintHorizontal\_bias="0.454"

app:layout\_constraintLeft\_toLeftOf="parent"

app:layout\_constraintRight\_toRightOf="parent"

app:layout\_constraintStart\_toStartOf="parent"

app:layout\_constraintTop\_toTopOf="parent"

app:layout\_constraintVertical\_bias="0.06" />

<Button

android:id="@+id/button"

android:layout\_width="wrap\_content"

android:layout\_height="wrap\_content"

android:layout\_marginEnd="8dp"

android:layout\_marginStart="8dp"

android:layout\_marginTop="392dp"

android:onClick="callSecondActivity"

android:text="Call second activity"

app:layout\_constraintEnd\_toEndOf="parent"

app:layout\_constraintStart\_toStartOf="parent"

app:layout\_constraintTop\_toTopOf="parent" />

</android.support.constraint.ConstraintLayout>

File: MainActivityOne.java

packageexample.javatpoint.com.explicitintent;

importandroid.content.Intent;

import android.support.v7.app.AppCompatActivity;

importandroid.os.Bundle;

importandroid.view.View;

public class FirstActivity extends AppCompatActivity

{

@Override

protected void onCreate(Bundle savedInstanceState)

{

super.onCreate(savedInstanceState);

setContentView(R.layout.activity\_first);

}

public void callSecondActivity(View view){

Intent i = new Intent(getApplicationContext(), SecondActivity.class);

i.putExtra("Value1", "Android By Javatpoint");

i.putExtra("Value2", "Simple Tutorial");

// Set the request code to any code you like, you can identify the

// callback via this code

startActivity(i);

}

}

File: activitytwo\_main.xml:

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

<android.support.constraint.ConstraintLayoutxmlns: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="example.javatpoint.com.explicitintent.SecondActivity">

<TextView

android:layout\_width="wrap\_content"

android:layout\_height="wrap\_content"

android:layout\_marginEnd="8dp"

android:layout\_marginStart="8dp"

android:layout\_marginTop="8dp"

android:text="Second Activity"

app:layout\_constraintBottom\_toBottomOf="parent"

app:layout\_constraintEnd\_toEndOf="parent"

app:layout\_constraintHorizontal\_bias="0.454"

app:layout\_constraintLeft\_toLeftOf="parent"

app:layout\_constraintRight\_toRightOf="parent"

app:layout\_constraintStart\_toStartOf="parent"

app:layout\_constraintTop\_toTopOf="parent"

app:layout\_constraintVertical\_bias="0.06" />

<Button

android:id="@+id/button"

android:layout\_width="wrap\_content"

android:layout\_height="wrap\_content"

android:layout\_marginEnd="8dp"

android:layout\_marginStart="8dp"

android:layout\_marginTop="392dp"

android:onClick="callFirstActivity"

android:text="Call first activity"

app:layout\_constraintEnd\_toEndOf="parent"

app:layout\_constraintStart\_toStartOf="parent"

app:layout\_constraintTop\_toTopOf="parent" />

</android.support.constraint.ConstraintLayout>

File: MainActivityTwo.java

packageexample.javatpoint.com.explicitintent;

importandroid.content.Intent;

import android.support.v7.app.AppCompatActivity;

importandroid.os.Bundle;

importandroid.view.View;

importandroid.widget.Toast;

public class SecondActivity extends AppCompatActivity {

@Override

protected void onCreate(Bundle savedInstanceState) {

super.onCreate(savedInstanceState);

setContentView(R.layout.activity\_second);

Bundle extras = getIntent().getExtras();

String value1 = extras.getString("Value1");

String value2 = extras.getString("Value2");

Toast.makeText(getApplicationContext(),"Values are:\n First value: "+value1+

"\n Second Value: "+value2, Toast.LENGTH\_LONG).show();

}

public void callFirstActivity(View view){

Intent i = new Intent(getApplicationContext(), FirstActivity.class);

startActivity(i);

}

}

**output :**

