**Date :- / /**

**Practical No :- 08**

**Practical Name :- Demonstrate use of intents for any 3 native intents.**

**Roll No :- 24**

* **CODE :-**

**activity\_main.xml :-**

*<?*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="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:textAppearance="?android:attr/textAppearanceMedium"  
 android:text="If you click on Explicit example we will navigate to second activity within App and if you click on Implicit example AbhiAndroid Homepage will open in Browser"  
 android:id="@+id/textView2"  
 android:clickable="false"  
 android:layout\_alignParentTop="true"  
 android:layout\_alignParentStart="true"  
 android:layout\_marginTop="42dp"  
 android:background="#3e7d02"  
 android:textColor="#ffffff" />  
  
 <Button  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:text="Explicit Intent Example"  
 android:id="@+id/explicit\_Intent"  
 android:layout\_alignParentTop="true"  
 android:layout\_centerHorizontal="true"  
 android:layout\_marginTop="147dp" />  
  
 <Button  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:text="Implicit Intent Example"  
 android:id="@+id/implicit\_Intent"  
 android:layout\_centerVertical="true"  
 android:layout\_centerHorizontal="true" />  
  
</RelativeLayout>

**activity\_Second.xml :-**

*<?*xml version="1.0" encoding="utf-8"*?>*<RelativeLayout xmlns:android="http://schemas.android.com/apk/res/android"  
 android:layout\_width="match\_parent"  
 android:layout\_height="match\_parent">  
  
 <TextView  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:textAppearance="?android:attr/textAppearanceLarge"  
 android:text="This is Second Activity"  
 android:id="@+id/textView"  
 android:layout\_centerVertical="true"  
 android:layout\_centerHorizontal="true" />  
  
</RelativeLayout >

**AndroidManifest.xml :-**

*<?*xml version="1.0" encoding="utf-8"*?>*<manifest xmlns:android="http://schemas.android.com/apk/res/android"  
 xmlns:tools="http://schemas.android.com/tools">  
  
 <application  
 android:allowBackup="true"  
 android:dataExtractionRules="@xml/data\_extraction\_rules"  
 android:fullBackupContent="@xml/backup\_rules"  
 android:icon="@mipmap/ic\_launcher"  
 android:label="@string/app\_name"  
 android:roundIcon="@mipmap/ic\_launcher\_round"  
 android:supportsRtl="true"  
 android:theme="@style/Theme.INTENTEXAMPLE"  
 tools:targetApi="31">  
 <activity  
 android:name=".MainActivity"  
 android:exported="true">  
 <intent-filter>  
 <action android:name="android.intent.action.MAIN" />  
  
 <category android:name="android.intent.category.LAUNCHER" />  
 </intent-filter>  
 </activity>  
 <activity android:name=".screen2"></activity>  
  
 <meta-data  
 android:name="android.app.lib\_name"  
 android:value="" />  
 </application>  
  
</manifest>

**MainActivity.java :-**

package com.example.intentexample;  
  
import androidx.appcompat.app.AppCompatActivity;  
  
import android.content.Intent;  
import android.net.Uri;  
import android.os.Bundle;  
import android.view.View;  
import android.widget.Button;  
  
public class MainActivity extends AppCompatActivity {  
  
  
 Button explicit\_btn, implicit\_btn;  
 @Override  
 protected void onCreate(Bundle savedInstanceState) {  
 super.onCreate(savedInstanceState);  
 setContentView(R.layout.*activity\_main*);  
  
  
 explicit\_btn = (Button)findViewById(R.id.*explicit\_Intent*);  
 implicit\_btn = (Button) findViewById(R.id.*implicit\_Intent*);  
  
 *//implement Onclick event for Explicit Intent* explicit\_btn.setOnClickListener(new View.OnClickListener() {  
 @Override  
 public void onClick(View v) {  
  
 Intent intent = new Intent(getBaseContext(),screen2 .class );  
 startActivity(intent);  
  
  
 }  
 });  
  
 *//implement onClick event for Implicit Intent* implicit\_btn.setOnClickListener(new View.OnClickListener() {  
 @Override  
 public void onClick(View v) {  
  
 Intent intent = new Intent(Intent.*ACTION\_VIEW* );  
 intent.setData(Uri.*parse*("https://en.wikipedia.org/wiki/Android\_Studio"));  
 startActivity(intent);  
 }  
 });  
  
  
 }  
}

**Screen2.java :-**

package com.example.intentexample;  
import android.os.Bundle;  
import android.widget.Toast;  
import androidx.appcompat.app.AppCompatActivity;  
  
public class screen2 extends AppCompatActivity {  
  
 @Override  
 protected void onCreate(Bundle savedInstanceState) {  
 super.onCreate(savedInstanceState);  
 setContentView(R.layout.*activity\_second*);  
  
 Toast.*makeText*(getApplicationContext(), "We are moved to second Activity",Toast.*LENGTH\_LONG*).show();  
 }  
}

* **OUTPUT :-**



