**ANDROID LAB**

**Experiment No.: 9**

**Aim**

**Implement Intent to navigate between multiple activities**

**Program**

First Activity

------------------------------------------------------------------- XML Code -------------------------------------------------------------------

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

<LinearLayout 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:gravity="center"

android:orientation="vertical"

tools:context=".ExplicitIntentActivity">

<TextView

android:layout\_width="wrap\_content"

android:layout\_height="wrap\_content"

android:text="First Activity"/>

<Button

android:id="@+id/next\_page\_btn"

android:layout\_width="wrap\_content"

android:layout\_height="wrap\_content"

android:layout\_marginTop="10dp"

android:text="Next Activity"/>

</LinearLayout>

------------------------------------------------------------------- Java Code -------------------------------------------------------------------

package com.example.loginformques01;

import androidx.appcompat.app.AppCompatActivity;

import android.content.Intent;

import android.os.Bundle;

import android.view.View;

import android.widget.Button;

public class ExplicitIntentActivity extends AppCompatActivity {

Button next\_page\_btn;

@Override

protected void onCreate(Bundle savedInstanceState) {

super.onCreate(savedInstanceState);

setContentView(R.layout.activity\_explicit\_intent);

next\_page\_btn= findViewById(R.id.next\_page\_btn);

next\_page\_btn.setOnClickListener(new View.OnClickListener() {

@Override

public void onClick(View view) {

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

startActivity(intent);

}

});

}

}

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Second Activity

------------------------------------------------------------------- XML Code -------------------------------------------------------------------

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

<LinearLayout 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:gravity="center"

android:orientation="vertical"

tools:context=".SecondActivity">

<TextView

android:layout\_width="wrap\_content"

android:layout\_height="wrap\_content"

android:text="Second Activity"/>

<Button

android:id="@+id/prev\_page\_btn"

android:layout\_width="wrap\_content"

android:layout\_height="wrap\_content"

android:layout\_marginTop="10dp"

android:text="Previous Activity"/>

</LinearLayout>

------------------------------------------------------------------- Java Code -------------------------------------------------------------------

package com.example.loginformques01;

import androidx.appcompat.app.AppCompatActivity;

import android.content.Intent;

import android.os.Bundle;

import android.view.View;

import android.widget.Button;

public class SecondActivity extends AppCompatActivity {

Button prev\_page\_btn;

@Override

protected void onCreate(Bundle savedInstanceState) {

super.onCreate(savedInstanceState);

setContentView(R.layout.activity\_second);

prev\_page\_btn= findViewById(R.id.prev\_page\_btn);

prev\_page\_btn.setOnClickListener(new View.OnClickListener() {

@Override

public void onClick(View view) {

Intent intent= new Intent(getApplicationContext(),ExplicitIntentActivity.class);

startActivity(intent);

}

});

}

}