**ANDROID LAB**

**Experiment No.: 10**

**Aim**

**Develop application that works with explicit intents**

**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);**

**}**

**});**

**}**

**}**

**###############################################################################################################################################################**

**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);**

**}**

**});**

**}**

**}**