**Practical No. 3**

**Title: Android program based on Intents**

**Aim: Create an application to demonstrate use of Intent**

## Exercise - Create android application to demonstrate Intent

**Implementation: Program:**

## MainActivity.java

package com.example.btndashboard;

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 { private Button button; private Button button2;

@Override

protected void onCreate(Bundle savedInstanceState) { super.onCreate(savedInstanceState); setContentView(R.layout.activity\_main); button=findViewById(R.id.button); button2=findViewById(R.id.button2);

button.setOnClickListener(new View.OnClickListener() {

@Override

public void onClick(View view) {

click\_for\_other();

}

});

button2.setOnClickListener(new View.OnClickListener() {

@Override

public void onClick(View view) { second();

}

}); }

public void click\_for\_other()

{

Intent intent=new Intent(MainActivity.this,Activity2.class); startActivity(intent);

}

public void second()

{

Intent intent2=new Intent(MainActivity.this,Activity3.class); startActivity(intent2);

}

}

## activity\_main.xml

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

<androidx.constraintlayout.widget.ConstraintLayout 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">

<Button

android:id="@+id/button" android:layout\_width="123dp" android:layout\_height="49dp" android:text="First"

app:layout\_constraintBottom\_toBottomOf="parent" app:layout\_constraintEnd\_toEndOf="parent" app:layout\_constraintHorizontal\_bias="0.506" app:layout\_constraintStart\_toStartOf="parent" app:layout\_constraintTop\_toTopOf="parent" app:layout\_constraintVertical\_bias="0.444" />

<Button

android:id="@+id/button2" android:layout\_width="119dp" android:layout\_height="48dp" android:layout\_marginTop="68dp" android:text="second"

app:layout\_constraintBottom\_toBottomOf="parent" app:layout\_constraintEnd\_toEndOf="parent" app:layout\_constraintStart\_toStartOf="parent" app:layout\_constraintTop\_toBottomOf="@+id/button" app:layout\_constraintVertical\_bias="0.011" /> </androidx.constraintlayout.widget.ConstraintLayout> **Output:**

