**Program no: 11**

**Aim:** Implement Intent to navigate between multiple activities

# XML Code:

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

<androidx.constraintlayout.widget.ConstraintLayout xmlns:android="<http://schemas.android.com/apk/res/android>"

xmlns:app=["ht](http://schemas.android.com/apk/res-auto)t[p://schemas.android.com/apk/res-auto](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:onClick="callActivity" tools:context=".MainActivity">

<EditText android:id="@+id/name"

android:layout\_width="wrap\_content" android:layout\_height="wrap\_content" android:ems="10" android:hint="Name" android:inputType="textPersonName" app:layout\_constraintBottom\_toBottomOf="parent" app:layout\_constraintEnd\_toEndOf="parent"

app:layout\_constraintHorizontal\_bias="0.437" app:layout\_constraintStart\_toStartOf="parent" app:layout\_constraintTop\_toTopOf="parent" app:layout\_constraintVertical\_bias="0.148" />

<EditText android:id="@+id/address"

android:layout\_width="wrap\_content" android:layout\_height="wrap\_content" android:ems="10" android:hint="Address" android:inputType="textPersonName" app:layout\_constraintBottom\_toBottomOf="parent" app:layout\_constraintEnd\_toEndOf="parent" app:layout\_constraintHorizontal\_bias="0.437" app:layout\_constraintStart\_toStartOf="parent" app:layout\_constraintTop\_toTopOf="parent" app:layout\_constraintVertical\_bias="0.313" />

<EditText android:id="@+id/email"

android:layout\_width="wrap\_content" android:layout\_height="wrap\_content" android:ems="10"

android:hint="Email" android:inputType="textPersonName" android:onClick="callActivity" app:layout\_constraintBottom\_toBottomOf="parent" app:layout\_constraintEnd\_toEndOf="parent" app:layout\_constraintHorizontal\_bias="0.437" app:layout\_constraintStart\_toStartOf="parent" app:layout\_constraintTop\_toTopOf="parent" app:layout\_constraintVertical\_bias="0.475" />

<Button

android:id="@+id/button" android:layout\_width="wrap\_content" android:layout\_height="wrap\_content" android:text="Submit" app:layout\_constraintBottom\_toBottomOf="parent" app:layout\_constraintEnd\_toEndOf="parent" app:layout\_constraintHorizontal\_bias="0.454" app:layout\_constraintStart\_toStartOf="parent" app:layout\_constraintTop\_toTopOf="parent" app:layout\_constraintVertical\_bias="0.609" />

</androidx.constraintlayout.widget.ConstraintLayout>

Activity2

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

<androidx.constraintlayout.widget.ConstraintLayout xmlns:android="<http://schemas.android.com/apk/res/android>"

xmlns:app=["ht](http://schemas.android.com/apk/res-auto)t[p://schemas.android.com/apk/res-auto](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=".MainActivity2">

<TextView android:id="@+id/view3" android:layout\_width="189dp" android:layout\_height="36dp" android:textAlignment="center" app:layout\_constraintBottom\_toBottomOf="parent" app:layout\_constraintEnd\_toEndOf="parent" app:layout\_constraintHorizontal\_bias="0.459" app:layout\_constraintStart\_toStartOf="parent" app:layout\_constraintTop\_toTopOf="parent" app:layout\_constraintVertical\_bias="0.398" />

<TextView android:id="@+id/view1" android:layout\_width="189dp"

android:layout\_height="36dp" android:textAlignment="center" app:layout\_constraintBottom\_toBottomOf="parent" app:layout\_constraintEnd\_toEndOf="parent" app:layout\_constraintHorizontal\_bias="0.459" app:layout\_constraintStart\_toStartOf="parent" app:layout\_constraintTop\_toTopOf="parent" app:layout\_constraintVertical\_bias="0.22" />

<TextView android:id="@+id/view2" android:layout\_width="189dp" android:layout\_height="36dp" android:textAlignment="center" app:layout\_constraintBottom\_toBottomOf="parent" app:layout\_constraintEnd\_toEndOf="parent" app:layout\_constraintHorizontal\_bias="0.459" app:layout\_constraintStart\_toStartOf="parent" app:layout\_constraintTop\_toTopOf="parent" app:layout\_constraintVertical\_bias="0.306" />

</androidx.constraintlayout.widget.ConstraintLayout>

# Java Code:

package com.example.myapplication;

import androidx.appcompat.app.AppCompatActivity;import android.content.Intent;

import android.os.Bundle; import android.view.View; import android.widget.Button; import android.widget.EditText;

public class MainActivity extends AppCompatActivity {Button b1;

@Override

protected void onCreate(Bundle savedInstanceState) { super.onCreate(savedInstanceState); setContentView(R.layout.activity\_main);

b1 = findViewById(R.id.button); b1.setOnClickListener(new View.OnClickListener() {

@Override

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

}

});

}

public void callActivity(View view) {

Intent i = new Intent(MainActivity.this, MainActivity2.class); final EditText editText1 = (EditText)findViewById(R.id.name);String msg = editText1.getText().toString();

final EditText editText2 = (EditText)findViewById(R.id.address);String add

= editText2.getText().toString();

final EditText editText3 = (EditText)findViewById(R.id.email);String em

= editText3.getText().toString(); i.putExtra("Value1", msg); i.putExtra("Value2", add); i.putExtra("Value3", em); startActivity(i);

}

}

# Activity 2

package com.example.myapplication;

import androidx.appcompat.app.AppCompatActivity; import android.os.Bundle;

import android.widget.TextView;

public class MainActivity2 extends AppCompatActivity { TextView view1;

TextView view2; TextView view3; @Override

protected void onCreate(Bundle savedInstanceState) { super.onCreate(savedInstanceState); setContentView(R.layout.activity\_main2);

view1 = (TextView) findViewById(R.id.view1);view2 = (TextView) findViewById(R.id.view2);view3 = (TextView) findViewById(R.id.view3);Bundle extras = getIntent().getExtras();

String value1 = extras.getString("Value1");String value2 = extras.getString("Value2");String value3

= extras.getString("Value3"); view1.setText(value1); view2.setText(value2); view3.setText(value3);

}

}

# Output:

