

# **PROGRAM 2**

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

## **PROGRAM CODE :**

### **INTENT1**

#### **JAVA CODE:**

```
package com.example.intent1;

import androidx.appcompat.app.AppCompatActivity;

import android.content.Intent;

import android.net.Uri;

import android.os.Bundle;

import android.view.View;

public class MainActivity extends AppCompatActivity {

    @Override

    protected void onCreate(Bundle savedInstanceState) {

        super.onCreate(savedInstanceState);

        setContentView(R.layout.activity_main);

    }

    public void onClick(View view) {

        Intent i = new Intent(Intent.ACTION_VIEW);

        i.setData(Uri.parse("https://www.linkedin.com"));

        startActivity(i);

    }

}
```

```
}  
  
}
```

### **XML CODE:**

```
<?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"  
  
    android:background="#EAE5E5"  
  
    android:backgroundTint="#F8F2F2"  
  
    tools:context=".MainActivity">  
  
    <Button  
  
        android:id="@+id/button"  
  
        android:layout_width="308dp"  
  
        android:layout_height="50dp"  
  
        android:backgroundTint="#673AB7"  
  
        android:onClick="onClick"  
  
        android:text="LinkedIn"  
  
        android:textAllCaps="false"  
  
        android:textSize="24sp"
```

```
        android:textStyle="bold"

        app:layout_constraintBottom_toBottomOf="parent"

        app:layout_constraintEnd_toEndOf="parent"

        app:layout_constraintHorizontal_bias="0.592"

        app:layout_constraintStart_toStartOf="parent"

        app:layout_constraintTop_toTopOf="parent"

        app:layout_constraintVertical_bias="0.461" />

</androidx.constraintlayout.widget.ConstraintLayout>
```

## **INTENT2**

### **JAVA CODE:**

```
package com.example.intent2;

import androidx.appcompat.app.AppCompatActivity;

import android.content.Intent;

import android.net.Uri;

import android.os.Bundle;

import android.webkit.WebView;

import android.webkit.WebViewClient;

import android.widget.Toast;

import java.net.URL;
```

```
public class MainActivity extends AppCompatActivity {

    @Override

    protected void onCreate(Bundle savedInstanceState) {

        super.onCreate(savedInstanceState);

        setContentView(R.layout.activity_main);

        Intent i = getIntent();

        Uri uri = i.getData();

        URL pageurl = null;

        if(uri !=null){

            try{

                pageurl = new URL(uri.getScheme(),uri.getHost(),uri.getPath());

            }

            catch ( Exception e) {

                Toast.makeText(getApplicationContext(),"Error Occured",Toast.LENGTH_LONG).show();

            }

        }

        WebView web =(WebView) findViewById(R.id.webview);

        web.setWebViewClient(new WebViewClient());

        web.loadUrl(String.valueOf(pageurl));

    }

}
```

## **XML CODE:**

```
<?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">

    <WebView

        android:id="@+id/webview"

        android:layout_width="409dp"

        android:layout_height="729dp"

        android:layout_marginStart="1dp"

        android:layout_marginTop="1dp"

        android:layout_marginEnd="1dp"

        android:layout_marginBottom="1dp"

        app:layout_constraintBottom_toBottomOf="parent"

        app:layout_constraintEnd_toEndOf="parent"

        app:layout_constraintStart_toStartOf="parent"

        app:layout_constraintTop_toTopOf="parent" />

</androidx.constraintlayout.widget.ConstraintLayout>
```

## **AndroidManifest.xml**

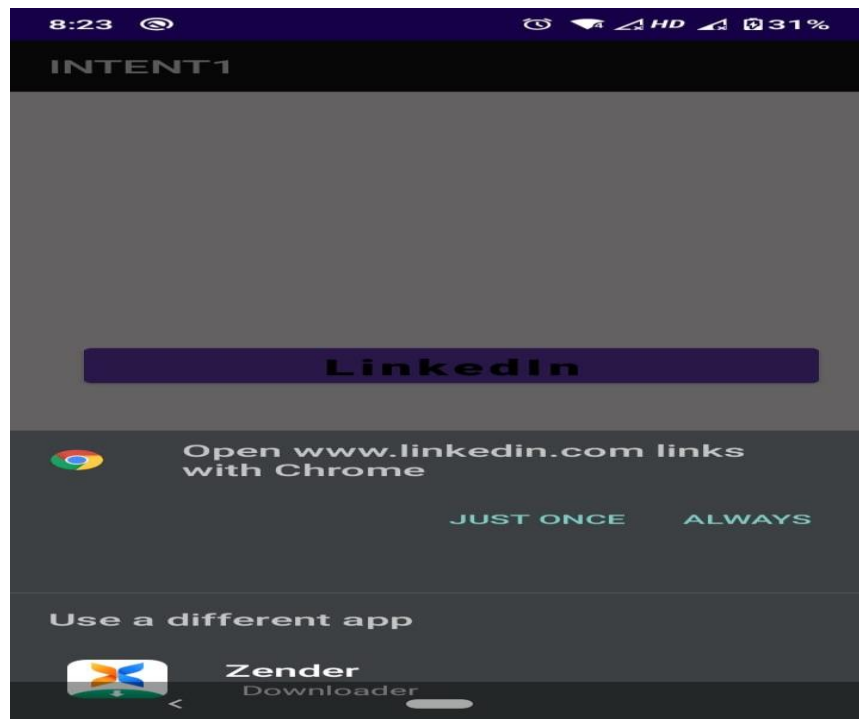
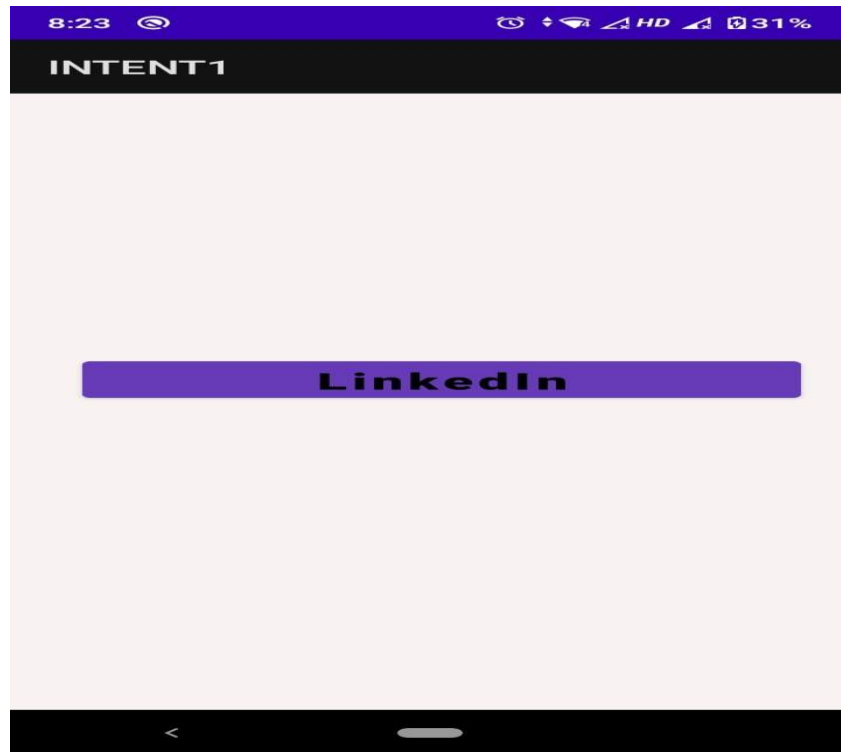
```
<?xml version="1.0" encoding="utf-8"?>
<manifest xmlns:android="http://schemas.android.com/apk/res/android"
  xmlns:tools="http://schemas.android.com/tools"
  package="com.example.intent2">
  <uses-permission android:name="android.permission.INTERNET"></uses-permission>

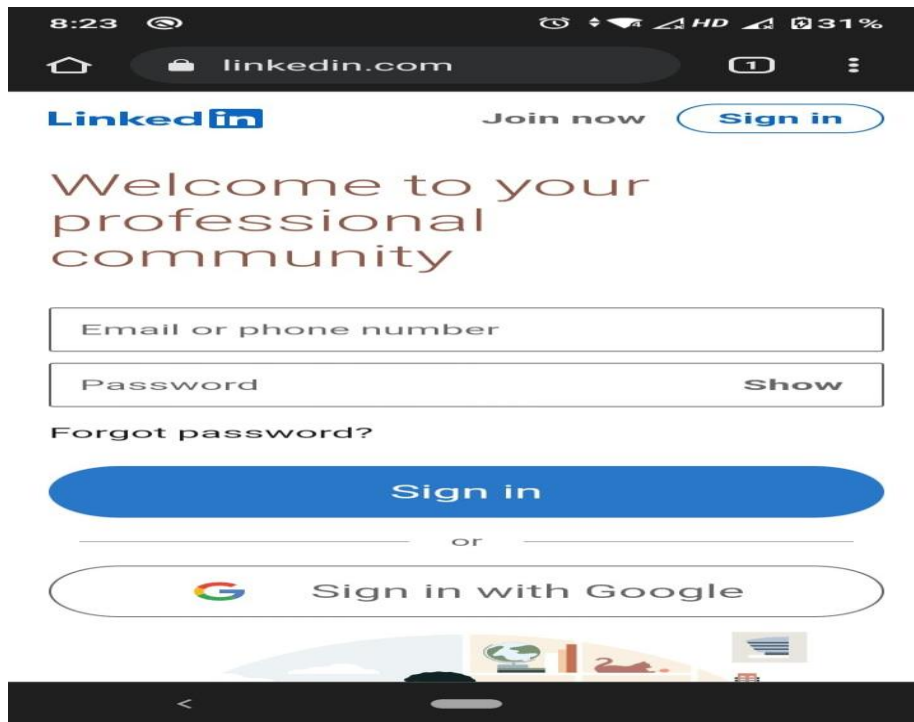
  <application
    android:allowBackup="true"
    android:icon="@mipmap/ic_launcher"
    android:label="@string/app_name"
    android:roundIcon="@mipmap/ic_launcher_round"
    android:supportRtl="true"
    android:theme="@style/Theme.INTENT2">
    <activity
      android:name=".MainActivity"
      android:exported="true">
      <intent-filter tools:ignore="AppLinkUrlError">
        <action android:name="android.intent.action.VIEW" />

        <category android:name="android.intent.category.DEFAULT" />
      </intent-filter>
    </activity>
  </application>

</manifest>
```

## OUTPUT





**RESULT :** Program has been successfully executed and output is obtained.