**Problem Statement : Create an application to take input as a URL and display the respective WebView in another activity**

**Note : Add this statement in AndroidManifest.xml file**

**(** <uses-permission android:name="android.permission.INTERNET" /> **)**

**MainActivity.java**

package com.example.exp11;

import androidx.appcompat.app.AppCompatActivity;

import android.annotation.SuppressLint;

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 {

EditText txt1;

Button b1;

@SuppressLint("MissingInflatedId")

@Override

protected void onCreate(Bundle savedInstanceState) {

super.onCreate(savedInstanceState);

setContentView(R.layout.*activity\_main*);

txt1 = findViewById(R.id.*txt1*);

b1 = findViewById(R.id.*button*);

b1.setOnClickListener(view -> {

String str = txt1.getText().toString();

Intent i = new Intent(getApplicationContext(),MainActivity2.class);

i.putExtra("web",str);

startActivity(i);

});

}

}

**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">

<EditText

android:id="@+id/txt1"

android:layout\_width="310dp"

android:layout\_height="56dp"

android:hint="Enter any url"

app:layout\_constraintBottom\_toBottomOf="parent"

app:layout\_constraintEnd\_toEndOf="parent"

app:layout\_constraintHorizontal\_bias="0.495"

app:layout\_constraintStart\_toStartOf="parent"

app:layout\_constraintTop\_toTopOf="parent"

app:layout\_constraintVertical\_bias="0.348"

tools:ignore="HardcodedText" />

<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\_constraintStart\_toStartOf="parent"

app:layout\_constraintTop\_toTopOf="parent" />

</androidx.constraintlayout.widget.ConstraintLayout>

**MainActivity2.java**

package com.example.exp11;

import androidx.appcompat.app.AppCompatActivity;

import android.annotation.SuppressLint;

import android.content.Intent;

import android.os.Bundle;

import android.webkit.WebSettings;

import android.webkit.WebView;

import android.webkit.WebViewClient;

public class MainActivity2 extends AppCompatActivity {

WebView web;

@SuppressLint({"MissingInflatedId", "SetJavaScriptEnabled"})

@Override

protected void onCreate(Bundle savedInstanceState) {

super.onCreate(savedInstanceState);

setContentView(R.layout.*activity\_main2*);

Intent i = getIntent();

String str = i.getStringExtra("web");

web = findViewById(R.id.*web*);

web.setWebViewClient(new WebViewClient());

web.loadUrl(str);

WebSettings webSettings = web.getSettings();

webSettings.setJavaScriptEnabled(true);

}

}

**activity\_main2.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=".MainActivity2">

<WebView

android:id="@+id/web"

android:layout\_width="373dp"

android:layout\_height="614dp"

app:layout\_constraintBottom\_toBottomOf="parent"

app:layout\_constraintEnd\_toEndOf="parent"

app:layout\_constraintStart\_toStartOf="parent"

app:layout\_constraintTop\_toTopOf="parent"

app:layout\_constraintVertical\_bias="0.863" />

</androidx.constraintlayout.widget.ConstraintLayout>