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

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

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

**MainActivity.java**

package com.example.exp9;

import android.os.Bundle;

import android.webkit.WebSettings;

import android.webkit.WebView;

import android.webkit.WebViewClient;

import android.widget.Button;

import android.widget.EditText;

import androidx.appcompat.app.AppCompatActivity;

public class MainActivity extends AppCompatActivity {

EditText txt;

Button b1;

WebView web;

@Override

protected void onCreate(Bundle savedInstanceState) {

super.onCreate(savedInstanceState);

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

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

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

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

b1.setOnClickListener(view -> {

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

web.setWebViewClient(new WebViewClient());

web.loadUrl(str);

WebSettings webSettings = web.getSettings();

webSettings.setJavaScriptEnabled(true);

});

}

}

**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="316dp"

android:layout\_height="56dp"

android:hint=" enter any url"

app:layout\_constraintBottom\_toBottomOf="parent"

app:layout\_constraintEnd\_toEndOf="parent"

app:layout\_constraintHorizontal\_bias="0.494"

app:layout\_constraintStart\_toStartOf="parent"

app:layout\_constraintTop\_toTopOf="parent"

app:layout\_constraintVertical\_bias="0.068" />

<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"

app:layout\_constraintVertical\_bias="0.188" />

<WebView

android:id="@+id/web"

android:layout\_width="338dp"

android:layout\_height="514dp"

app:layout\_constraintBottom\_toBottomOf="parent"

app:layout\_constraintEnd\_toEndOf="parent"

app:layout\_constraintHorizontal\_bias="0.493"

app:layout\_constraintStart\_toStartOf="parent"

app:layout\_constraintTop\_toTopOf="parent"

app:layout\_constraintVertical\_bias="0.936" />

</androidx.constraintlayout.widget.ConstraintLayout>