**App 9: Develop an Android app to fetch an HTML page from internet**

**MainActivity.java:**

package com.example.webview;

import androidx.appcompat.app.AppCompatActivity;

import android.os.Bundle;

import android.view.View;

import android.webkit.WebView;

import android.webkit.WebViewClient;

import android.widget.Button;

import android.widget.EditText;

public class MainActivity extends AppCompatActivity {

Button search;

EditText url;

WebView webView;

@Override

protected void onCreate(Bundle savedInstanceState) {

super.onCreate(savedInstanceState);

setContentView(R.layout.activity\_main);

url = findViewById(R.id.urlText);

search = findViewById(R.id.Search);

search.setOnClickListener(new View.OnClickListener() {

@Override

public void onClick(View view) {

webView = findViewById(R.id.webview);

webView.loadUrl("https://"+url.getText().toString());

webView.getSettings().setJavaScriptEnabled(true);

webView.setWebViewClient(new WebViewClient());

}

});

}

}

**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">

<WebView

android:id="@+id/webview"

android:layout\_width="410dp"

android:layout\_height="681dp"

android:layout\_marginStart="1dp"

android:layout\_marginEnd="1dp"

app:layout\_constraintBottom\_toBottomOf="parent"

app:layout\_constraintEnd\_toEndOf="parent"

app:layout\_constraintHorizontal\_bias="0.0"

app:layout\_constraintStart\_toStartOf="parent"

app:layout\_constraintTop\_toTopOf="parent"

app:layout\_constraintVertical\_bias="1.0" />

<EditText

android:id="@+id/urlText"

android:layout\_width="294dp"

android:layout\_height="40dp"

android:layout\_marginEnd="1dp"

android:layout\_marginBottom="1dp"

android:ems="10"

android:hint="Enter Url Here"

android:inputType="textPersonName"

app:layout\_constraintBottom\_toBottomOf="parent"

app:layout\_constraintEnd\_toEndOf="parent"

app:layout\_constraintHorizontal\_bias="0.008"

app:layout\_constraintStart\_toStartOf="parent"

app:layout\_constraintTop\_toTopOf="parent"

app:layout\_constraintVertical\_bias="0.005" />

<Button

android:id="@+id/Search"

android:layout\_width="107dp"

android:layout\_height="43dp"

android:layout\_marginBottom="1dp"

android:text="Search"

app:layout\_constraintBottom\_toBottomOf="parent"

app:layout\_constraintEnd\_toEndOf="parent"

app:layout\_constraintHorizontal\_bias="0.947"

app:layout\_constraintStart\_toStartOf="parent"

app:layout\_constraintTop\_toTopOf="parent"

app:layout\_constraintVertical\_bias="0.0" />

</androidx.constraintlayout.widget.ConstraintLayout>

**OUTPUT:**

