**Problem Statement : Create an application to display the WebView in another activity from given 4 options ( use ImageButton).**

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

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

**MainActivity.java**

package com.example.exp10;

import android.annotation.SuppressLint;

import android.content.Intent;

import android.os.Bundle;

import android.widget.ImageButton;

import androidx.appcompat.app.AppCompatActivity;

public class MainActivity extends AppCompatActivity {

@SuppressLint("MissingInflatedId")

@Override

protected void onCreate(Bundle savedInstanceState) {

super.onCreate(savedInstanceState);

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

ImageButton bt1,bt2,bt3,bt4;

bt1 = findViewById(R.id.*button*);

bt2 = findViewById(R.id.*button1*);

bt3 = findViewById(R.id.*button2*);

bt4 = findViewById(R.id.*button3*);

bt1.setOnClickListener(view -> {

String str = "https://www.youtube.com/";

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

i.putExtra("bt1",str);

startActivity(i);

});

bt2.setOnClickListener(view -> {

String str1 = "https://www.amazon.in/";

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

i.putExtra("bt2",str1);

startActivity(i);

});

bt3.setOnClickListener(view -> {

String str1 = "https://www.flipkart.com/";

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

i.putExtra("bt3",str1);

startActivity(i);

});

bt4.setOnClickListener(view -> {

String str1 = "https://www.meesho.com/";

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

i.putExtra("bt4",str1);

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">

<ImageButton

android:id="@+id/button"

android:layout\_width="150dp"

android:layout\_height="100dp"

app:layout\_constraintBottom\_toBottomOf="parent"

app:layout\_constraintEnd\_toEndOf="parent"

app:layout\_constraintHorizontal\_bias="0.13"

app:layout\_constraintStart\_toStartOf="parent"

app:layout\_constraintTop\_toTopOf="parent"

app:layout\_constraintVertical\_bias="0.202"

app:srcCompat="@drawable/youtube"

tools:ignore="SpeakableTextPresentCheck" />

<ImageButton

android:id="@+id/button1"

android:layout\_width="242dp"

android:layout\_height="151dp"

app:layout\_constraintBottom\_toBottomOf="parent"

app:layout\_constraintEnd\_toEndOf="parent"

app:layout\_constraintHorizontal\_bias="0.497"

app:layout\_constraintStart\_toStartOf="parent"

app:layout\_constraintTop\_toTopOf="parent"

app:srcCompat="@drawable/amazon"

tools:ignore="SpeakableTextPresentCheck" />

<ImageButton

android:id="@+id/button2"

android:layout\_width="242dp"

android:layout\_height="151dp"

app:layout\_constraintBottom\_toBottomOf="parent"

app:layout\_constraintEnd\_toEndOf="parent"

app:layout\_constraintHorizontal\_bias="0.497"

app:layout\_constraintStart\_toStartOf="parent"

app:layout\_constraintTop\_toTopOf="parent"

app:layout\_constraintVertical\_bias="0.844"

app:srcCompat="@drawable/flipkart"

tools:ignore="SpeakableTextPresentCheck" />

<ImageButton

android:id="@+id/button3"

android:layout\_width="150dp"

android:layout\_height="100dp"

app:layout\_constraintBottom\_toBottomOf="parent"

app:layout\_constraintEnd\_toEndOf="parent"

app:layout\_constraintHorizontal\_bias="0.858"

app:layout\_constraintStart\_toStartOf="parent"

app:layout\_constraintTop\_toTopOf="parent"

app:layout\_constraintVertical\_bias="0.202"

app:srcCompat="@drawable/meesho"

tools:ignore="SpeakableTextPresentCheck" />

</androidx.constraintlayout.widget.ConstraintLayout>

**MainActivity2.java**

package com.example.exp10;

import android.annotation.SuppressLint;

import android.content.Intent;

import android.os.Bundle;

import android.webkit.WebSettings;

import android.webkit.WebView;

import android.webkit.WebViewClient;

import androidx.appcompat.app.AppCompatActivity;

public class MainActivity2 extends AppCompatActivity {

@SuppressLint("SetJavaScriptEnabled")

@Override

protected void onCreate(Bundle savedInstanceState) {

super.onCreate(savedInstanceState);

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

Intent intent = getIntent();

String str = intent.getStringExtra("bt1");

String str1 = intent.getStringExtra("bt2");

String str2 = intent.getStringExtra("bt3");

String str3 = intent.getStringExtra("bt4");

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

web.setWebViewClient(new WebViewClient());

web.loadUrl(str);

web.loadUrl(str1);

web.loadUrl(str2);

web.loadUrl(str3);

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="357dp"

android:layout\_height="633dp"

app:layout\_constraintBottom\_toBottomOf="parent"

app:layout\_constraintEnd\_toEndOf="parent"

app:layout\_constraintHorizontal\_bias="0.49"

app:layout\_constraintStart\_toStartOf="parent"

app:layout\_constraintTop\_toTopOf="parent"

app:layout\_constraintVertical\_bias="0.825" />

</androidx.constraintlayout.widget.ConstraintLayout>