**Problem statement : Create an application using Grid Layout to open various URLs.**

**MainActivity.java**

package com.example.exp6;

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 img1(View v)

{

Intent i = new Intent(Intent.*ACTION\_VIEW*, Uri.*parse*("https://www.youtube.com/"));

startActivity(i);

}

public void img2(View v)

{

Intent i = new Intent(Intent.*ACTION\_VIEW*, Uri.*parse*("https://www.amazon.in/"));

startActivity(i);

}

public void img3(View v)

{

Intent i = new Intent(Intent.*ACTION\_VIEW*, Uri.*parse*("https://www.flipkart.com/"));

startActivity(i);

}

public void img4(View v)

{

Intent i = new Intent(Intent.*ACTION\_VIEW*, Uri.*parse*("https://www.meesho.com/"));

startActivity(i);

}

}

**activity\_main.xml**

<?xml version="1.0" encoding="utf-8"?>

<GridLayout 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:rowCount="2"

android:columnCount="2"

tools:context=".MainActivity">

<ImageButton

android:layout\_width="wrap\_content"

android:layout\_height="182dp"

android:layout\_row="0"

android:layout\_column="0"

android:onClick="img1"

app:layout\_constraintBottom\_toBottomOf="parent"

app:layout\_constraintEnd\_toEndOf="parent"

app:layout\_constraintStart\_toStartOf="parent"

app:layout\_constraintTop\_toTopOf="parent"

app:srcCompat="@drawable/youtube"

tools:ignore="SpeakableTextPresentCheck" />

<ImageButton

android:layout\_width="208dp"

android:layout\_height="wrap\_content"

android:layout\_row="0"

android:layout\_column="1"

android:onClick="img2"

app:layout\_constraintBottom\_toBottomOf="parent"

app:layout\_constraintEnd\_toEndOf="parent"

app:layout\_constraintStart\_toStartOf="parent"

app:layout\_constraintTop\_toTopOf="parent"

app:srcCompat="@drawable/amazon"

tools:ignore="SpeakableTextPresentCheck" />

<ImageButton

android:layout\_width="202dp"

android:layout\_height="wrap\_content"

android:layout\_row="1"

android:layout\_column="0"

android:onClick="img3"

app:layout\_constraintBottom\_toBottomOf="parent"

app:layout\_constraintEnd\_toEndOf="parent"

app:layout\_constraintStart\_toStartOf="parent"

app:layout\_constraintTop\_toTopOf="parent"

app:srcCompat="@drawable/flipkart"

tools:ignore="SpeakableTextPresentCheck" />

<ImageButton

android:layout\_width="207dp"

android:layout\_height="184dp"

android:layout\_row="1"

android:layout\_column="1"

android:onClick="img4"

app:layout\_constraintBottom\_toBottomOf="parent"

app:layout\_constraintEnd\_toEndOf="parent"

app:layout\_constraintStart\_toStartOf="parent"

app:layout\_constraintTop\_toTopOf="parent"

app:srcCompat="@drawable/meesho"

tools:ignore="SpeakableTextPresentCheck" />

</GridLayout>