**Problem statement : Create an application using Grid Layout to display onClick popup.**

**MainActivity.java**

package com.example.exp7;

import androidx.appcompat.app.AppCompatActivity;

import android.os.Bundle;

import android.view.View;

import android.widget.Toast;

public class MainActivity extends AppCompatActivity {

@Override

protected void onCreate(Bundle savedInstanceState) {

super.onCreate(savedInstanceState);

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

}

public void onYT(View view){

Toast.*makeText*(MainActivity.this, "YouTube", Toast.*LENGTH\_SHORT*).show();

}

public void onAmazon(View view){

Toast.*makeText*(MainActivity.this, "Amazon", Toast.*LENGTH\_SHORT*).show();

}

public void onFK(View view){

Toast.*makeText*(MainActivity.this, "Flipkart", Toast.*LENGTH\_SHORT*).show();

}

public void onMeesho(View view){

Toast.*makeText*(MainActivity.this, "Meesho", Toast.*LENGTH\_SHORT*).show();

}

}

**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="180dp"

android:layout\_height="200dp"

android:layout\_row="0"

android:layout\_column="0"

android:layout\_margin="10dp"

android:onClick="onYT"

app:srcCompat="@drawable/youtube"

tools:ignore="ContentDescription,ImageContrastCheck,SpeakableTextPresentCheck" />

<ImageButton

android:layout\_width="180dp"

android:layout\_height="200dp"

android:layout\_row="0"

android:layout\_column="1"

android:layout\_margin="10dp"

android:onClick="onAmazon"

app:srcCompat="@drawable/amazon"

tools:ignore="ContentDescription,ImageContrastCheck,SpeakableTextPresentCheck" />

<ImageButton

android:layout\_width="180dp"

android:layout\_height="200dp"

android:layout\_row="1"

android:layout\_column="0"

android:layout\_margin="10dp"

android:onClick="onFK"

app:srcCompat="@drawable/flipkart"

tools:ignore="ContentDescription,ImageContrastCheck,SpeakableTextPresentCheck" />

<ImageButton

android:layout\_width="180dp"

android:layout\_height="200dp"

android:layout\_row="1"

android:layout\_column="1"

android:layout\_margin="10dp"

android:onClick="onMeesho"

app:srcCompat="@drawable/meesho"

tools:ignore="ContentDescription,ImageContrastCheck,SpeakableTextPresentCheck" />

</GridLayout>