## PROGRAM

**Activity\_main.xml**

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

<android.support.constraint.ConstraintLayout xmlns:android="[http://schemas.android.com/apk/res/android"](http://schemas.android.com/apk/res/android) xmlns:tools="[http://schemas.android.com/tools"](http://schemas.android.com/tools) xmlns:app="[http://schemas.android.com/apk/res-auto"](http://schemas.android.com/apk/res-auto) android:layout\_width="match\_parent" android:layout\_height="match\_parent" tools:context=".MainActivity">

<GridView android:id="@+id/gv"

android:layout\_width="wrap\_content" android:layout\_height="wrap\_content" android:columnWidth="100dp" android:minHeight="100dp" android:numColumns="auto\_fit" android:stretchMode="columnWidth" app:layout\_constraintBottom\_toBottomOf="parent"

app:layout\_constraintLeft\_toLeftOf="parent" app:layout\_constraintRight\_toRightOf="parent" app:layout\_constraintTop\_toTopOf="parent" />

</android.support.constraint.ConstraintLayout>

## Main\_Activity.java

package com.example.sjcet.myapplication;

import android.support.v7.app.AppCompatActivity; import android.os.Bundle;

import android.view.View;

import android.widget.AdapterView; import android.widget.ArrayAdapter; import android.widget.GridView; import android.widget.Toast;

public class MainActivity extends AppCompatActivity implements AdapterView.OnItemClickListener {

GridView gridView;

static final String[] *gridviewvalue*={ "facebook","Instagram","YouTube", "facebook","Instagram","YouTube", "facebook","Instagram","YouTube"

};

@Override

protected void onCreate(Bundle savedInstanceState) { super.onCreate(savedInstanceState); setContentView(R.layout.*activity\_main*); gridView=findViewById(R.id.*gv*);

ArrayAdapter adapter = new ArrayAdapter(this,android.R.layout.*simple\_list\_item\_1*,*gridviewvalue*); gridView.setAdapter(adapter); gridView.setOnItemClickListener(this);

}

public void onItemClick(AdapterView<?> adapterView, View view, int i, long l) {

String itemname=gridView.getItemAtPosition(i).toString(); Toast.*makeText*(this,itemname,Toast.*LENGTH\_SHORT*).show();

}

}

**OUTPUT**

