**Layout File**

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

<LinearLayout 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">

<ImageView

android:id="@+id/imageView"

android:layout\_width="fill\_parent"

android:layout\_height="200dp"

android:scaleType="fitXY" />

<Gallery

android:id="@+id/langgallery"

android:layout\_width="match\_parent"

android:layout\_height="wrap\_content"

android:layout\_marginTop="100dp"

android:animationDuration="2000"

android:padding="10dp"

android:spacing="5dp"

android:unselectedAlpha="50" />

</LinearLayout>

.java

package com.example.201806100110094\_Ques1;

import androidx.appcompat.app.AppCompatActivity;

import android.os.Bundle;

import android.service.autofill.FillEventHistory;

import android.view.View;

import android.widget.AdapterView;

import android.widget.Gallery;

import android.widget.ImageView;

public class MainActivity extends AppCompatActivity {

CustomizedGalleryAdapter customGalleryAdapter;

ImageView sltdimv;

int[] images={R.drawable.pic1,R.drawable.pic2,R.drawable.pic3,R.drawable.pic4,R.drawable.fpic5};

@Override

protected void onCreate(Bundle savedInstanceState) {

super.onCreate(savedInstanceState);

setContentView(R.layout.activity\_main);

Gallery mygallery = (Gallery) findViewById(R.id.langgallery);

sltdimv = (ImageView) findViewById(R.id.imageView);

customGalleryAdapter = new CustomizedGalleryAdapter(this, images);

mygallery.setAdapter(customGalleryAdapter);

mygallery.setOnItemClickListener(new AdapterView.OnItemClickListener() {

@Override

public void onItemClick(AdapterView<?> parent, View view, int position, long id) {

sltdimv.setImageResource(images[position]);

}

});

}

}

**Java File**

package com.example.mygallery;

import android.content.Context;

import android.view.View;

import android.view.ViewGroup;

import android.widget.BaseAdapter;

import android.widget.Gallery;

import android.widget.ImageView;

public class CustomizedGalleryAdapter extends BaseAdapter {

private Context context;

private int[] images;

public CustomizedGalleryAdapter(Context c, int[] images) {

context = c;

this.images = images;

}

@Override

public int getCount() {

return images.length;

}

@Override

public Object getItem(int position) {

return position;

}

@Override

public long getItemId(int position) {

return position;

}

@Override

public View getView(int position, View convertView, ViewGroup parent) {

ImageView imv = new ImageView(context);

imv.setImageResource(images[position]);

return imv;

}

}