**Android**

BÀI VỀ **GridView:**

Bước 1: Tạo class MonAn

**public class** MonAn {  
 **private** String **ten**;  
 **private int gia**;  
 **private int hinh**;  
  
 **public** String getTen() {  
 **return this**.**ten**;  
 }  
 **public void** setTen(String ten) {  
 **this**.**ten** = ten;  
 }  
 **public int** getGia() {  
 **return this**.**gia**;  
 }  
 **public void** setGia(**int** gia) {  
 **this**.**gia** = gia;  
 }  
 **public int** getHinh() {  
 **return this**.**hinh**;  
 }  
 **public void** setHinh(**int** hinh) {  
 **this**.**hinh** = hinh;  
 }  
  
 **public** MonAn(String ten, **int** gia, **int** hinh) {  
 **this**.**ten** = ten;  
 **this**.**gia** = gia;  
 **this**.**hinh** = hinh;  
 }  
}

Bước 2: Tạo class MonAnAdapter

**public class** MonAnAdapter **extends** BaseAdapter {  
  
 **private** Context **context**;  
 **private int layout**;  
 **private** List<MonAn> **arrMonAn**;  
  
 **public** MonAnAdapter(Context context, **int** layout, List<MonAn> arrMonAn) {  
 **this**.**context** = context;  
 **this**.**layout** = layout;  
 **this**.**arrMonAn** = arrMonAn;  
 }  
  
 @Override  
 **public int** getCount() {  
 **return arrMonAn**.size();  
 }  
  
 @Override  
 **public** Object getItem(**int** position) {  
 **return null**;  
 }  
  
 @Override  
 **public long** getItemId(**int** position) {  
 **return** 0;  
 }  
  
 @Override  
 **public** View getView(**int** position, View convertView, ViewGroup parent) {  
 LayoutInflater inflater = (LayoutInflater) **context**.getSystemService(Context.***LAYOUT\_INFLATER\_SERVICE***);  
 convertView = inflater.inflate(**layout**, **null**);

Ánh Xạ  
  
 TextView txtvTen = (TextView) convertView.findViewById(R.id.***txtvTen***);  
 txtvTen.setText(**arrMonAn**.get(position).getTen());  
  
 TextView txtvGia= (TextView) convertView.findViewById(R.id.***txtvGia***);  
 txtvGia.setText(String.*valueOf*(**arrMonAn**.get(position).getGia()));  
  
 ImageView imgHinh = (ImageView) convertView.findViewById(R.id.***imgHinh***);  
 imgHinh.setImageResource(**arrMonAn**.get(position).getHinh());  
 **return** convertView;  
 }  
}

Bước 3: Custom Layout dong\_mon\_an: với 3 thành phần 1 một ImageView, 2 TextView

<**ImageView  
 android:layout\_width="match\_parent"  
 android:layout\_height="wrap\_content"  
 android:id="@+id/imgHinh"**/>  
  
<**TextView  
 android:layout\_width="match\_parent"  
 android:layout\_height="wrap\_content"  
 android:id="@+id/txtvTen"**/>  
  
<**TextView  
 android:layout\_width="match\_parent"  
 android:layout\_height="wrap\_content"  
 android:id="@+id/txtvGia"**/>

Bước 4: Qua file activity\_main.xml thêm Thành Phần GridView

<**GridView  
 android:layout\_width="match\_parent"  
 android:layout\_height="wrap\_content"  
 android:numColumns="3"  
 android:id="@+id/gv"**>  
</**GridView**>

Bước 5: Quay lại class MainActivity tạo ArrayList<MonAn> arrMonAn, chạy MonAnAdapter

**public class** MainActivity **extends** AppCompatActivity {  
  
 **private** GridView **gv**;  
 **private** ArrayList<MonAn> **arrGv**;  
  
 @Override  
 **protected void** onCreate(Bundle savedInstanceState) {  
 **super**.onCreate(savedInstanceState);  
 setContentView(R.layout.***activity\_main***);  
 addShow();  
 addEven();  
 }  
  
 **public void** addShow() {  
 **gv** = (GridView) findViewById(R.id.***gv***);  
 }  
  
 **public void** addEven() {  
 **arrGv** = **new** ArrayList<MonAn>();  
 **arrGv**.add(**new** MonAn(**"Bún Riêu"**, 20000, R.drawable.***so1***));  
 **arrGv**.add(**new** MonAn(**"Bún Bò"**, 25000, R.drawable.***so2***));  
 **arrGv**.add(**new** MonAn(**"Bún Chả Cá"**, 30000, R.drawable.***so4***));  
 **arrGv**.add(**new** MonAn(**"Bún Bò Huế"**, 35000, R.drawable.***so5***));  
 MonAnAdapter adapter = **new** MonAnAdapter(MainActivity.**this**, R.layout.***dong\_mon\_an***, **arrGv**);  
 **gv**.setAdapter(adapter);  
 }  
}