

```

<?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"
    android:orientation="vertical"
    tools:context=".MainActivity" >

    <TextView
        android:layout_width="match_parent"
        android:layout_height="wrap_content"
        android:textSize="30sp"
        android:textAlignment="center"
        android:layout_marginTop="10dp"
        android:layout_marginBottom="10dp"
        android:text="쇼핑 상품 보기" />

    <androidx.recyclerview.widget.RecyclerView
        android:id="@+id/recyclerView"
        android:layout_width="match_parent"
        android:layout_height="match_parent" />
</LinearLayout>

```

쇼핑 상품 보기

item 0
item 1
item 2
item 3
item 4
item 5
item 6
item 7
item 8
item 9

```

<?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"
    android:orientation="vertical"
    android:layout_width="match_parent"
    android:layout_height="wrap_content">

    <androidx.cardview.widget.CardView
        android:layout_width="wrap_content"
        android:layout_height="wrap_content"
        app:cardBackgroundColor="#ffff"
        app:cardCornerRadius="20dp"
        app:cardElevation="5dp"
        app:cardUseCompatPadding="true">

        <LinearLayout
            android:layout_width="180dp"
            android:layout_height="250dp"
            android:orientation="vertical">

            <ImageView
                android:id="@+id/imageView1"
                android:layout_width="134dp"
                android:layout_height="187dp"
                android:layout_gravity="center"
                app:srcCompat="@drawable/clothes1" />

            <LinearLayout
                android:layout_width="match_parent"
                android:layout_height="wrap_content"
                android:orientation="horizontal">

                <TextView
                    android:id="@+id/textView1"
                    android:layout_width="wrap_content"
                    android:layout_height="wrap_content"
                    android:layout_weight="1"
                    android:textSize="20sp"
                    android:textStyle="bold"
                    android:textColor="#9C27B0"
                    android:textAlignment="center"
                    android:text="웃종류" />

                <TextView
                    android:id="@+id/textView2"
                    android:layout_width="wrap_content"
                    android:layout_height="wrap_content"
                    android:layout_weight="1"
                    android:textSize="20sp"
                    android:textStyle="bold"
                    android:textColor="#000"
                    android:textAlignment="center"
                    android:text="가격" />
            </LinearLayout>

            <TextView
                android:id="@+id/textView3"
                android:layout_width="match_parent"
                android:layout_height="wrap_content"
                android:textSize="20sp"
                android:textStyle="bold"
                android:textColor="#00f"
                android:layout_marginLeft="10dp"
                android:text="이벤트" />
        </LinearLayout>
    </androidx.cardview.widget.CardView>
</LinearLayout>

```

웃종류 가격
이벤트

```

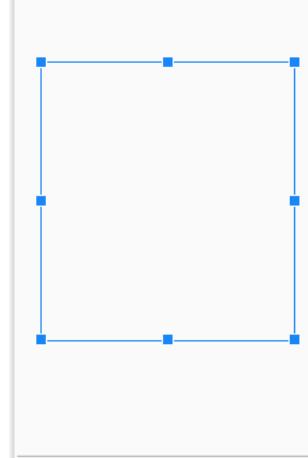
<?xml version="1.0" encoding="utf-8"?>
<LinearLayout xmlns:android="http://schemas.android.com/apk/res/android"
    xmlns:app="http://schemas.android.com/apk/res-auto"
    xmlns:tools="http://schemas.android.com/tools"
    android:layout_width="match_parent"
    android:layout_height="match_parent"
    android:orientation="vertical"
    tools:context=".MainActivity2" >

    <TextView
        android:id="@+id/title"
        android:layout_width="match_parent"
        android:layout_height="wrap_content"
        android:textSize="40sp"
        android:textAlignment="center"
        android:layout_marginTop="40dp" />

    <ImageView
        android:id="@+id/img"
        android:layout_width="342dp"
        android:layout_height="376dp"
        android:layout_gravity="center" />

    <EditText
        android:id="@+id/content"
        android:layout_width="match_parent"
        android:layout_height="wrap_content"
        android:lines="6"
        android:gravity="start|top"
        android:inputType="textMultiLine"
        android:textSize="20sp" />
</LinearLayout>

```

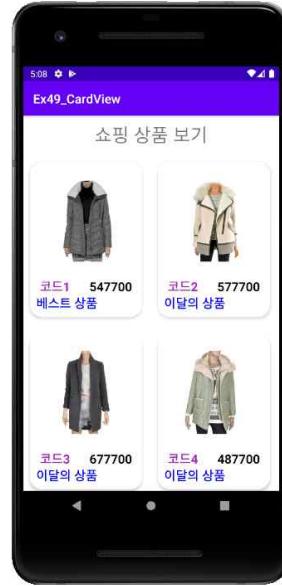


```

public class MainActivity extends AppCompatActivity {
    RecyclerView recyclerView;
    MyAdapter adapter;
    @Override
    protected void onCreate(Bundle savedInstanceState) {
        super.onCreate(savedInstanceState);
        setContentView(R.layout.activity_main);
        recyclerView = findViewById(R.id.recyclerView);
        adapter = new MyAdapter();
        GridLayoutManager manager = new GridLayoutManager(this, 2);
        recyclerView.setLayoutManager(manager);

        adapter.addItem(new VO("코드1", "547700",
                "베스트 상품", R.drawable.clothes1));
        adapter.addItem(new VO("코드2", "577700",
                "이달의 상품", R.drawable.clothes2));
        adapter.addItem(new VO("코드3", "677700",
                "이달의 상품", R.drawable.clothes3));
        adapter.addItem(new VO("코드4", "487700",
                "이달의 상품", R.drawable.clothes4));
        adapter.addItem(new VO("코드5", "584400",
                "이달의 상품", R.drawable.clothes5));
        recyclerView.setAdapter(adapter);
    }
    // 이벤트
    adapter.setOnItemClickListener(new MyListener() {
        @Override
        public void onItemClick(MyAdapter.ViewHolder holder, View view, int position) {
            VO vo = adapter.getItem(position);
            // Toast.makeText(MainActivity.this, vo.getName()+"선택됨", Toast.LENGTH_SHORT).show();
            Intent intent = new Intent(MainActivity.this, MainActivity2.class);
            intent.putExtra("title", vo.getName());
            intent.putExtra("img", vo.getResId());
            intent.putExtra("content_1", vo.getEvent());
            intent.putExtra("content_2", vo.getPrice());
            startActivity(intent);
        }
    });
}
}

```



```

public class MainActivity2 extends AppCompatActivity {
    TextView title, content;
    ImageView img;
    @Override
    protected void onCreate(Bundle savedInstanceState) {
        super.onCreate(savedInstanceState);
        setContentView(R.layout.activity_main2);
        title = findViewById(R.id.title);
        img = findViewById(R.id.img);
        content = findViewById(R.id.content);

        // MainActivity에서 넘오는 인텐트를 받자
        Intent intent = getIntent();
        String r_title = intent.getStringExtra("title");
        int r_imgId = intent.getIntExtra("img", 0);
        String r_content_1 = intent.getStringExtra("content_1");
        String r_content_2 = intent.getStringExtra("content_2");

        // 해당 위치에 강작하자
        title.setText(r_title);
        img.setImageResource(r_imgId);
        content.append("상품내용_1 : "+r_content_1+"\n");
        content.append("상품내용_2 : "+r_content_2+"\n");
    }
}

```



```

public class MyAdapter extends RecyclerView.Adapter<MyAdapter.ViewHolder>
implements MyListener{
ArrayList<VO> list = new ArrayList<>();
// 리스너-1
MyListener myListener;
// 리스너-2
public void setOnItemClickListener(MyListener myListener){
this.myListener = myListener;
}
@NotNull
@Override
public ViewHolder onCreateViewHolder(@NotNull ViewGroup parent, int viewType) {
LayoutInflater inflater = LayoutInflater.from(parent.getContext());
View itemView = inflater.inflate(R.layout.items, parent, false);
return new ViewHolder(itemView, this);
}
@Override
public void onBindViewHolder(@NotNull ViewHolder holder, int position) {
VO vo = list.get(position);
holder.setItem(vo);
}
@Override
public int getItemCount() {
return list.size();
}

// 항목 추가
public void addItem(VO vo){
list.add(vo);
}

// 위치값을 받아서 해당 위치에 존재하는 정보 리턴
public VO getItem(int position){
return list.get(position);
}
@Override
public void onItemClick(ViewHolder holder, View view, int position) {
if(myListener != null){
myListener.onItemClick(holder, view, position);
}
}

static class ViewHolder extends RecyclerView.ViewHolder{
TextView textView1, textView2, textView3;
ImageView imageView1;

public ViewHolder(@NotNull View itemView, final MyListener myListener) {
super(itemView);
textView1 = itemView.findViewById(R.id.textView1);
textView2 = itemView.findViewById(R.id.textView2);
textView3 = itemView.findViewById(R.id.textView3);
imageView1 = itemView.findViewById(R.id.imageView1);
// 리스너-3
itemView.setOnClickListener(new View.OnClickListener() {
@Override
public void onClick(View view) {
int position = getAdapterPosition();
if(myListener != null){
myListener.onItemClick(ViewHolder.this, view, position);
}
});
}

public void setItem(VO vo){
textView1.setText(vo.getName());
textView2.setText(vo.getPrice());
textView3.setText(vo.getEvent());
imageView1.setImageResource(vo.getResId());
}
}
}

```

```

public interface MyListener {
public void onItemClick(MyAdapter.ViewHolder holder, View view, int position);
}

```

```

package com.ict.ex49_cardview;

public class VO {
private String name;
private String price;
private String event;
private int resid; // 그림 처리

public VO() { }

public VO(String name, String price, String event, int resId) {
this.name = name;
this.price = price;
this.event = event;
this.resid = resId;
}

public String getName() { return name; }

public void setName(String name) {this.name = name; }

public String getPrice() { return price; }

public void setPrice(String price) {this.price = price; }

public String getEvent() {return event; }

public void setEvent(String event) {this.event = event; }

public int getResId() {return resid; }

public void setResId(int resId) {this.resid = resId;}
}

```