

1. Agregar el modulo de FACTURA a nuestra Aplicación UGUESAS. Utilizando NUEVOS LAYOUTS, enviando con putExtra el detalle y mostrando en el nuevo layout el pedido. Agregar el Botón de retornar.

activity_main.xml

```
<LinearLayout xmlns:android="http://schemas.android.com/apk/res/android"
    xmlns:tools="http://schemas.android.com/tools"
    android:id="@+id/LinearLayout1"
    android:layout_width="match_parent"
    android:layout_height="match_parent"
    android:orientation="vertical"
    android:paddingBottom="@dimen/activity_vertical_margin"
    android:paddingLeft="@dimen/activity_horizontal_margin"
    android:paddingRight="@dimen/activity_horizontal_margin"
    android:paddingTop="@dimen/activity_vertical_margin"
    tools:context="com.example.uguesas.MainActivity" >

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

        <TextView
            android:id="@+id/textView1"
            android:layout_width="wrap_content"
            android:layout_height="wrap_content"
            android:text="H. Normal 12 Bs." />

    </LinearLayout>

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

        <ImageView
            android:id="@+id/imageView1"
            android:layout_width="wrap_content"
            android:layout_height="wrap_content"
            android:src="@drawable/hconfideitos" />

    </LinearLayout>

    <LinearLayout
        android:layout_width="match_parent"
```

```
android:layout_height="wrap_content" >
```

```
<TextView
```

```
    android:id="@+id/textView2"  
    android:layout_width="wrap_content"  
    android:layout_height="wrap_content"  
    android:layout_weight="0.13"  
    android:text="#comprado:" />
```

```
<EditText
```

```
    android:id="@+id/editText1"  
    android:layout_width="wrap_content"  
    android:layout_height="wrap_content"  
    android:editable="false"  
    android:focusable="false"  
    android:text="0"  
    android:layout_weight="1" >
```

```
    <requestFocus />
```

```
</EditText>
```

```
</LinearLayout>
```

```
<LinearLayout
```

```
    android:layout_width="match_parent"  
    android:layout_height="wrap_content" >
```

```
<TextView
```

```
    android:id="@+id/textView3"  
    android:layout_width="wrap_content"  
    android:layout_height="wrap_content"  
    android:layout_weight="0.12"  
    android:text="Total a pagar:" />
```

```
<EditText
```

```
    android:id="@+id/editText2"  
    android:layout_width="wrap_content"  
    android:layout_height="wrap_content"  
    android:editable="false"  
    android:focusable="false"  
    android:text="0.0"  
    android:layout_weight="1" />
```

```
</LinearLayout>
```

```
<LinearLayout
```

```
    android:layout_width="match_parent"  
    android:layout_height="wrap_content" >
```

```
<Button
```

```
        android:id="@+id/button1"
        style="?android:attr/buttonStyleSmall"
        android:layout_width="wrap_content"
        android:layout_height="wrap_content"
        android:onClick="update"
        android:text="Anterior"
        android:textSize="12sp" />
```

<Button

```
        android:id="@+id/button2"
        style="?android:attr/buttonStyleSmall"
        android:layout_width="wrap_content"
        android:layout_height="wrap_content"
        android:onClick="update"
        android:text="Compror"
        android:textSize="12sp" />
```

<Button

```
        android:id="@+id/button3"
        style="?android:attr/buttonStyleSmall"
        android:layout_width="wrap_content"
        android:layout_height="wrap_content"
        android:onClick="update"
        android:text="Devolver"
        android:textSize="12sp" />
```

<Button

```
        android:id="@+id/button4"
        style="?android:attr/buttonStyleSmall"
        android:layout_width="wrap_content"
        android:layout_height="wrap_content"
        android:onClick="update"
        android:text="Siguiete"
        android:textSize="10sp" />
```

</LinearLayout>

<LinearLayout

```
        android:layout_width="match_parent"
        android:layout_height="wrap_content" >
```

<TextView

```
        android:id="@+id/textView4"
        android:layout_width="wrap_content"
        android:layout_height="wrap_content"
        android:text=" " />
```

</LinearLayout>

<LinearLayout

```
android:layout_width="match_parent"
android:layout_height="wrap_content" >
```

```
<Button
    android:id="@+id/button5"
    style="?android:attr/buttonStyleSmall"
    android:layout_width="wrap_content"
    android:layout_height="wrap_content"
    android:onClick="finish"
    android:text="Finalizar Compra" />
```

```
<Button
    android:id="@+id/button6"
    style="?android:attr/buttonStyleSmall"
    android:layout_width="wrap_content"
    android:layout_height="wrap_content"
    android:onClick="update"
    android:text="Reiniciar Datos" />
```

```
</LinearLayout>
```

```
</LinearLayout>
```

activity_finish.xml

```
<LinearLayout xmlns:android="http://schemas.android.com/apk/res/android"
    xmlns:tools="http://schemas.android.com/tools"
    android:id="@+id/LinearLayout1"
    android:layout_width="match_parent"
    android:layout_height="match_parent"
    android:orientation="vertical"
    android:paddingBottom="@dimen/activity_vertical_margin"
    android:paddingLeft="@dimen/activity_horizontal_margin"
    android:paddingRight="@dimen/activity_horizontal_margin"
    android:paddingTop="@dimen/activity_vertical_margin"
    tools:context="com.example.uguesas.FinishActivity" >
```

```
<LinearLayout
    android:layout_width="match_parent"
    android:layout_height="wrap_content" >
```

```
<TextView
    android:id="@+id/textView5"
    android:layout_width="wrap_content"
    android:layout_height="wrap_content"
    android:text="TextView" />
```

```
<TextView
    android:id="@+id/textView6"
    android:layout_width="wrap_content"
```

```

        android:layout_height="wrap_content"
        android:text="TextView" />

<TextView
    android:id="@+id/textView7"
    android:layout_width="wrap_content"
    android:layout_height="wrap_content"
    android:text="TextView" />
</LinearLayout>

<TextView
    android:id="@+id/textView8"
    android:layout_width="wrap_content"
    android:layout_height="wrap_content"
    android:text="TextView" />

<Button
    android:id="@+id/button7"
    android:layout_width="wrap_content"
    android:layout_height="wrap_content"
    android:onClick="back"
    android:text="Volver" />

</LinearLayout>

```

AndroidManifest.xml

```

<?xml version="1.0" encoding="utf-8"?>
<manifest xmlns:android="http://schemas.android.com/apk/res/android"
    package="com.example.uguesas"
    android:versionCode="1"
    android:versionName="1.0" >

    <uses-sdk
        android:minSdkVersion="14"
        android:targetSdkVersion="14" />

    <application
        android:allowBackup="true"
        android:icon="@drawable/ic_launcher"
        android:label="@string/app_name"
        android:theme="@style/AppTheme" >
        <activity
            android:name=".MainActivity"
            android:label="@string/app_name" >
            <intent-filter>
                <action android:name="android.intent.action.MAIN" />

                <category android:name="android.intent.category.LAUNCHER" />
            </intent-filter>
        </activity>
    </application>

```

```

        </intent-filter>
    </activity>
    <activity
        android:name=".FinishActivity"
        android:label="@string/title_activity_finish" >
        <meta-data
            android:name="android.support.PARENT_ACTIVITY"
            android:value="com.example.uguesas.MainActivity" />
    </activity>
</application>
</manifest>

```

MainActivity.xml

```

package com.example.uguesas;

import java.util.Arrays;

import android.app.Activity;
import android.content.Intent;
import android.os.Bundle;
import android.view.Menu;
import android.view.MenuItem;
import android.view.View;
import android.widget.Button;
import android.widget.EditText;
import android.widget.ImageView;
import android.widget.TextView;

public class MainActivity extends Activity {
    int arrBuys[];
    int p;

    protected void onCreate(Bundle savedInstanceState) {
        super.onCreate(savedInstanceState);
        setContentView(R.layout.activity_main);
    }

    public boolean onCreateOptionsMenu(Menu menu) {
        getMenuInflater().inflate(R.menu.main, menu);
        arrBuys = new int[9];
        Arrays.fill(arrBuys, 0);
        p = 0;
        Button butt3 = (Button) this.findViewById(R.id.button3);
        butt3.setEnabled(false);
        return true;
    }

    public boolean onOptionsItemSelected(MenuItem item) {

```

```

        int id = item.getItemId();
        if (id == R.id.action_settings) {
            return true;
        }
        return super.onOptionsItemSelected(item);
    }
}

```

```

public void update(View v){
    ImageView img1 = (ImageView) this.findViewById(R.id.imageView1);
    EditText edit1 = (EditText) this.findViewById(R.id.editText1);
    EditText edit2 = (EditText) this.findViewById(R.id.editText2);
    Button butt3 = (Button) this.findViewById(R.id.button3);
    TextView text1 = (TextView) this.findViewById(R.id.textView1);

```

```

    switch (v.getId()) {
        case R.id.button1:
            p = (p == 0 ? 8 : p - 1);
            break;

        case R.id.button2:
            arrBuys[p]++;
            break;

        case R.id.button3:
            arrBuys[p]--;
            break;

        case R.id.button4:
            p = (p + 1) % 9;
            break;

        case R.id.button6:
            arrBuys = new int[9];
            Arrays.fill(arrBuys, 0);
            p = 0;
            break;
    }

```

```

    int imgFood[] = {R.drawable.hnormal, R.drawable.hmediokilo,
R.drawable.hconhuevo, R.drawable.hconfideitos, R.drawable.hdoble,
R.drawable.hgemelas, R.drawable.hmariajuana, R.drawable.hvegetal, R.drawable.hpollo};
    String menuFood[] = { "H. Normal 12 Bs.", "H. 1/2 Kilo 18 Bs.", "H. c/huevo
13.5 Bs", "H. c/fideitos 15 Bs.", "H. Doble 18 Bs.", "H. Gemelas 21 Bs.",
        "H. Marijuana 25 Bs.", "H. c/vegetales 15 Bs.", "H. Pollo c/papas 12
Bs." };

```

```

    text1.setText(menuFood[p]);
    edit1.setText(arrBuys[p] + "");
    img1.setImageResource(imgFood[p]);

```

```

        if (arrBuys[p] > 0)
            butt3.setEnabled(true);
        else
            butt3.setEnabled(false);

        double values[] = {12, 18, 13.5, 15, 18, 21, 25, 15, 12};
        double ans = 0.00;
        for (int i = 0; i < values.length; ++i) {
            ans += (values[i] * arrBuys[i]);
        }
        edit2.setText(ans + "");
    }

    public void finish(View v) {
        String message = "";
        for (int i = 0; i < arrBuys.length; i++) {
            if(arrBuys[i] != 0) {
                message += Integer.toString(i);
                message += ":";
                message += Integer.toString(arrBuys[i]);
                message += ",";
            }
        }
        Intent pFinish = new Intent(this, FinishActivity.class);
        pFinish.putExtra("Pedidos", message);
        startActivity(pFinish);
    }
}

```

FinishActivity.xml

```

package com.example.uguesas;

import android.app.Activity;
import android.os.Bundle;
import android.view.Menu;
import android.view.MenuItem;
import android.view.View;
import android.widget.TextView;

public class FinishActivity extends Activity {

    protected void onCreate(Bundle savedInstanceState) {
        super.onCreate(savedInstanceState);
        setContentView(R.layout.activity_finish);
        Bundle param = getIntent().getExtras();
        String ms = param.getString("Pedidos");
    }
}

```



```

        showText(ms);
    }

    public boolean onCreateOptionsMenu(Menu menu) {
        getMenuInflater().inflate(R.menu.finish, menu);
        return true;
    }

    public void back(View v) {
        finish();
    }

    public void showText(String s) {
        TextView t5 = (TextView) findViewById(R.id.textView5);
        TextView t6 = (TextView) findViewById(R.id.textView6);
        TextView t7 = (TextView) findViewById(R.id.textView7);
        TextView t8 = (TextView) findViewById(R.id.textView8);

        String menuFood[] = { "H.Normal", "H. 1/2 Kilo", "H. c/huevo", "H. c/fideos",
"H. Doble", "H. Gemelas",
        "H. Marijuana", "H. c/vegetales", "H. Pollo c/papas" };
        double values[] = { 12, 18, 13.5, 15, 18, 21, 25, 15, 12 };

        double ans = 0.00;
        String a = "Hamburguesa\n";
        String b = "Cantidad\n";
        String c = "Precio\n";

        String arr1[] = s.split(";");
        double total = 0.00;
        for (int i = 0; i < arr1.length; i++) {
            String arr2[] = arr1[i].split(":");
            int x = Integer.parseInt(arr2[0]);
            int y = Integer.parseInt(arr2[1]);

            a += menuFood[x];
            a += "\n";

            b += Integer.toString(y);
            b += "\n";

            c += Double.toString(y * values[x]);
            c += "\n";
            total += y * values[x];
        }
        String d = "Total a pagar: ";
        d += Double.toString(total);
        t5.setText(a);
        t6.setText(b);
        t7.setText(c);

```

```

    t8.setText(d);
}
}

```

Capturas de Pantalla

En el ejemplo se comprara una hamburguesa de cada tipo, excepto la Hamburguesa doble que comprar dos veces y se Finalizara la compra para generar la FACTURA.

