

Design

activity_order.xml

Place an Order

Double Double %1\$s

Cheeseburger %1\$s

French Fries %1\$s

Shake %1\$s

Fountain Drinks (pick size)

Small %1\$s

Medium %1\$s

Large %1\$s

PLACE ORDER

IN-N-OUT

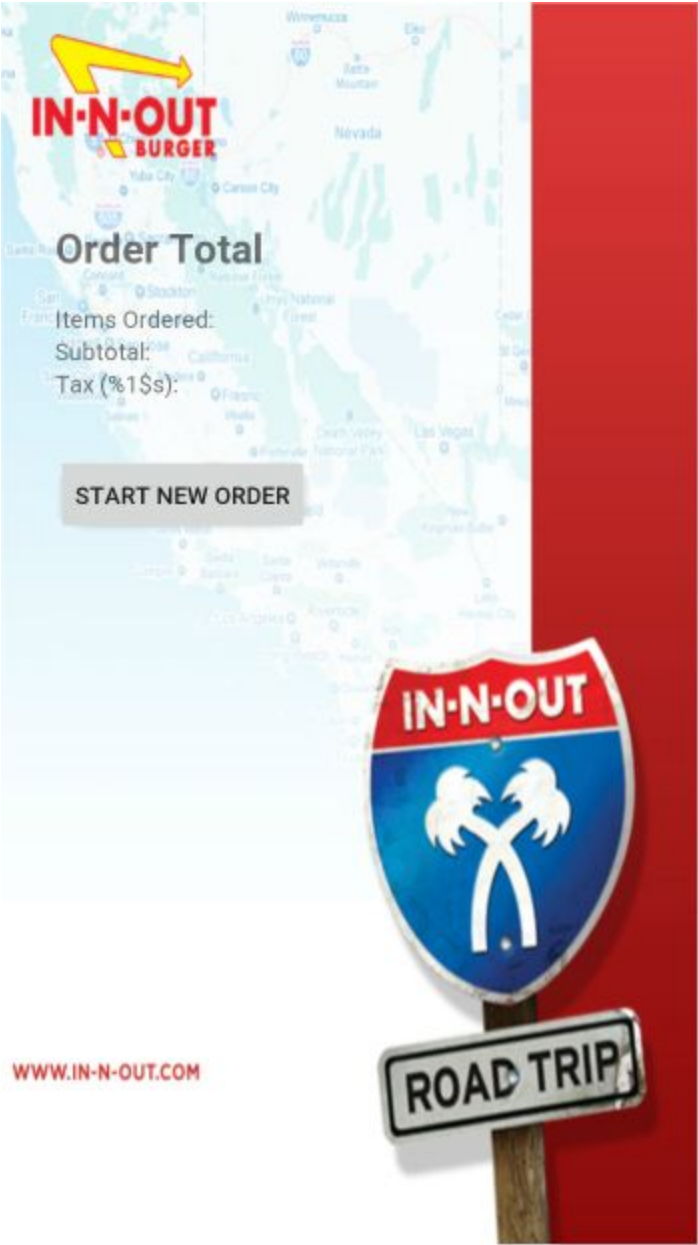
BURGER

Quality you can taste®

Place an Order

Double Double %1\$s	doubleDoubleEditText
Cheeseburger %1\$s	cheeseburgerEditText
French Fries %1\$s	frenchFriesEditText
Shake %1\$s	shakesEditText
Fountain Drinks (pick size)	
Small %1\$s	smallDrinksEditText
Medium %1\$s	mediumDrinksEditText
Large %1\$s	largeDrinksEditText

PLACE ORDER



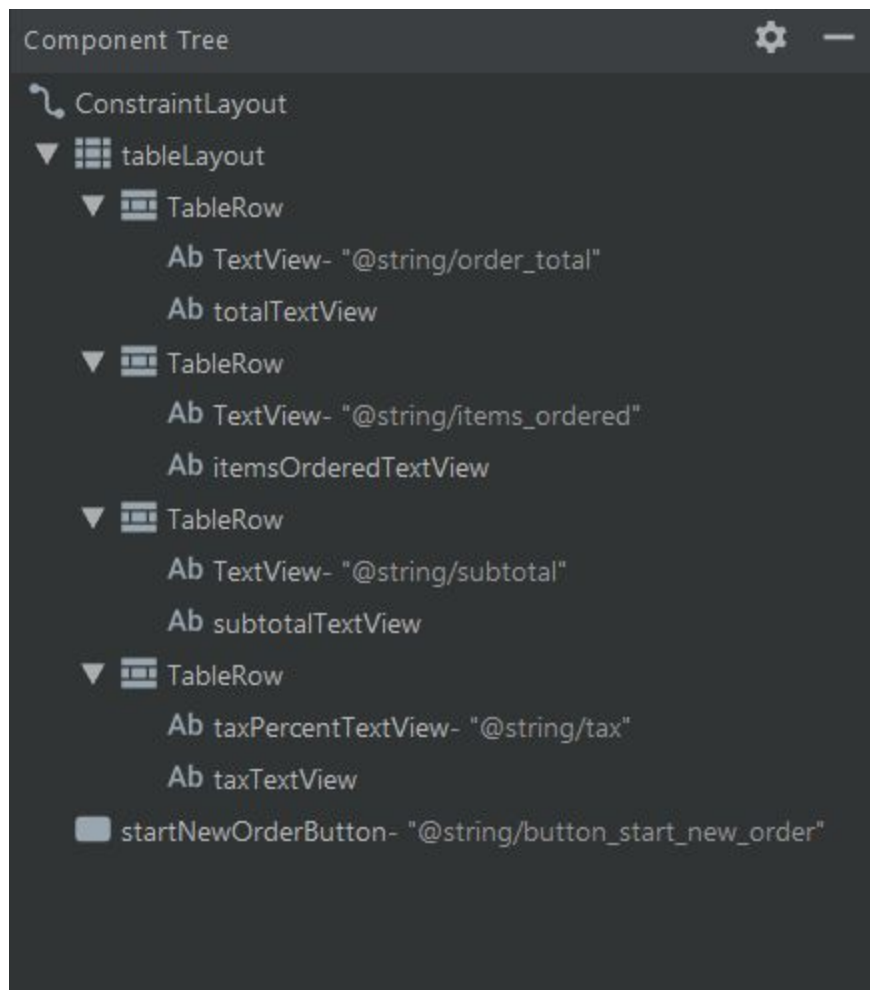
Order Total	
Items Ordered:	
Subtotal:	
Tax (%1\$s):	

START NEW ORDER

Component Tree

activity_order.xml





1:22

85%

In And Out

Place an Order

Double Double \$3.60

4

Cheeseburger \$2.15

French Fries \$1.65

4

Shake \$2.20

4

Fountain Drinks (pick size)

Small \$1.45

Medium \$1.55

4

Large \$1.75

PLACE ORDER

IN-N-OUT
BURGER

Quality you can taste®

III

O

<

1:23

85%

In And Out

IN-N-OUT
BURGER

Order Total \$38.88

Items Ordered: 16

Subtotal: \$36.00

Tax (8%): \$2.88

START NEW ORDER

WWW.IN-N-OUT.COM

IN-N-OUT

ROAD TRIP

III

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Source Code

Order.java

```
package edu.miracosta.cs134.kking.model;

/**
 * Order : A model representing a single "In And Out" order.
 */
public class Order {

    public static final double PRICE_CHEESEBURGER = 2.15;
    public static final double PRICE_DOUBLE_DOUBLE = 3.60;
    public static final double PRICE_FRENCH_FRIES = 1.65;
    public static final double PRICE_LARGE_DRINK = 1.75;
    public static final double PRICE_MEDIUM_DRINK = 1.55;
    public static final double PRICE_SMALL_DRINK = 1.45;
    public static final double PRICE_SHAKE = 2.20;
    public static final double TAX_RATE = 0.08;

    private int mCheeseburgers, mDoubleDoubles, mFrenchFries, mLargeDrinks, mMediumDrinks,
        mSmallDrinks, mShakes;

    /**
     * Default constructor.
     */
    public Order() { /* empty */ }

    /**
     * Full parameterized constructor.
     *
     * @param doubleDoubles number of "Double Double" cheeseburgers
     * @param cheeseburgers number of cheeseburgers
     * @param frenchFries number of french fries
     * @param shakes number of milkshakes
     * @param smallDrinks number of small soft drinks
     * @param mediumDrinks number of medium soft drinks
     * @param largeDrinks number of large soft drinks
     */
    public Order(int doubleDoubles, int cheeseburgers, int frenchFries, int shakes,
        int smallDrinks, int mediumDrinks, int largeDrinks) {
        mDoubleDoubles = doubleDoubles;
        mCheeseburgers = cheeseburgers;
        mFrenchFries = frenchFries;
        mShakes = shakes;
        mSmallDrinks = smallDrinks;
        mMediumDrinks = mediumDrinks;
        mLargeDrinks = largeDrinks;
    }
}
```

```

/**
 * Calculates the subtotal of this order (before tax).
 *
 * @return the subtotal as a multiple of each item and its corresponding cost per unit
 */
public double calculateSubtotal() {
    return (PRICE_CHEESEBURGER * mCheeseburgers) + (PRICE_DOUBLE_DOUBLE * mDoubleDoubles)
        + (PRICE_FRENCH_FRIES * mFrenchFries) + (PRICE_LARGE_DRINK * mLargeDrinks)
        + (PRICE_MEDIUM_DRINK * mMediumDrinks) + (PRICE_SMALL_DRINK * mSmallDrinks)
        + (PRICE_SHAKE * mShakes);
}

/**
 * Calculates the sales tax of this order.
 *
 * @return the product of this order's subtotal and current tax rate
 */
public double calculateTax() {
    return (calculateSubtotal() * TAX_RATE);
}

/**
 * Calculates the total cost of this order.
 *
 * @return the sum of this order's subtotal and sales tax
 */
public double calculateTotal() {
    return (calculateSubtotal() + calculateTax());
}

/**
 * @return the sum of every item in this order
 */
public int getNumberItemsOrdered() {
    return mCheeseburgers + mDoubleDoubles + mFrenchFries + mLargeDrinks
        + mMediumDrinks + mSmallDrinks + mShakes;
}

// region instance variable getters and setters

/**
 * @return the number of cheeseburgers for this Order
 */
public int getCheeseburgers() {
    return mCheeseburgers;
}

```

```
/**
 * @return the number of Double Doubles for this Order
 */
public int getDoubleDoubles() {
    return mDoubleDoubles;
}

/**
 * @return the number of french fries for this Order
 */
public int getFrenchFries() {
    return mFrenchFries;
}

/**
 * @return the number of large drinks for this Order
 */
public int getLargeDrinks() {
    return mLargeDrinks;
}

/**
 * @return the number of medium drinks for this Order
 */
public int getMediumDrinks() {
    return mMediumDrinks;
}

/**
 * @return the number of small drinks for this Order
 */
public int getSmallDrinks() {
    return mSmallDrinks;
}

/**
 * @return the number of shakes for this Order
 */
public int getShakes() {
    return mShakes;
}

/**
 * @param cheeseburgers the number of cheeseburgers for this order
 */
public void setCheeseburgers(int cheeseburgers) {
    mCheeseburgers = cheeseburgers;
}
```



```

/**
 * @param doubleDoubles the number of Double Doubles for this order
 */
public void setDoubleDoubles(int doubleDoubles) {
    mDoubleDoubles = doubleDoubles;
}

/**
 * @param frenchFries the number of french fries for this order
 */
public void setFrenchFries(int frenchFries) {
    mFrenchFries = frenchFries;
}

/**
 * @param largeDrinks the number of large drinks for this order
 */
public void setLargeDrinks(int largeDrinks) {
    mLargeDrinks = largeDrinks;
}

/**
 * @param mediumDrinks the number of medium drinks for this Order
 */
public void setMediumDrinks(int mediumDrinks) {
    mMediumDrinks = mediumDrinks;
}

/**
 * @param smallDrinks the number of small drinks for this Order
 */
public void setSmallDrinks(int smallDrinks) {
    mSmallDrinks = smallDrinks;
}

/**
 * @param shakes the number of shakes for this Order
 */
public void setShakes(int shakes) {
    mShakes = shakes;
}

// endregion instance variables getters and setters
} // End of class Order

```

OrderActivity.java

```
package edu.miracosta.cs134.kking;

import androidx.appcompat.app.AppCompatActivity;

import android.content.Intent;
import android.os.Bundle;
import android.view.View;
import android.widget.EditText;
import android.widget.TextView;

import java.text.NumberFormat;
import java.util.Locale;

import edu.miracosta.cs134.kking.model.Order;

/**
 * OrderActivity : Controller for launcher activity. Obtains quantities of an In And Out
 * order.
 */
public class OrderActivity extends AppCompatActivity {

    // for helper method setTextViews - IDs for (almost) static TextViews listing each menu
    // item
    private static final int[] TEXT_VIEW_IDS = { R.id.doubleDoubleTextView,
        R.id.cheeseburgerTextView, R.id.frenchFriesTextView, R.id.shakesTextView,
        R.id.smallDrinksTextView, R.id.mediumDrinksTextView, R.id.largeDrinksTextView };

    // for helper method setTextViews - IDs for string values populating the above TextViews
    private static final int[] TEXT_VIEW_STRING_IDS = { R.string.double_double,
        R.string.cheeseburger, R.string.french_fries, R.string.shakes,
        R.string.small_drink, R.string.medium_drink, R.string.large_drink };

    // for helper method setTextViews - price constants from Order
    private static final double[] TEXT_VIEW_PRICES = { Order.PRICE_DOUBLE_DOUBLE,
        Order.PRICE_CHEESEBURGER, Order.PRICE_FRENCH_FRIES, Order.PRICE_SHAKE,
        Order.PRICE_SMALL_DRINK, Order.PRICE_MEDIUM_DRINK, Order.PRICE_LARGE_DRINK };

    // View components
    private EditText doubleDoubleEditText, cheeseburgerEditText, frenchFriesEditText,
        shakesEditText, smallDrinksEditText, mediumDrinksEditText, largeDrinksEditText;

    // Formatting
    NumberFormat currency = NumberFormat.getCurrencyInstance(Locale.getDefault());

    /**
     * Initializes this activity with the following contents:
     * Seven EditText objects for the quantities of each In And Out menu item.
     */
}
```

```

*
* @param savedInstanceState the re-initialized activity, or null
*/
@Override
protected void onCreate(Bundle savedInstanceState) {
    super.onCreate(savedInstanceState);
    setContentView(R.layout.activity_order);

    // Update TextViews listing each item and its corresponding price
    setTextViews();

    doubleDoubleEditText = findViewById(R.id.doubleDoubleEditText);
    cheeseburgerEditText = findViewById(R.id.cheeseburgerEditText);
    frenchFriesEditText = findViewById(R.id.frenchFriesEditText);
    shakesEditText = findViewById(R.id.shakesEditText);
    smallDrinksEditText = findViewById(R.id.smallDrinksEditText);
    mediumDrinksEditText = findViewById(R.id.mediumDrinksEditText);
    largeDrinksEditText = findViewById(R.id.largeDrinksEditText);
}

/**
 * Helper method for TextViews displaying each menu item with a formatted price value
 * received from the Order model.
 */
private void setTextViews() {
    for (int i = 0; i < TEXT_VIEW_IDS.length; i++) {
        // Obtain formatted String with placeholder for Order price
        String formatted = getString(TEXT_VIEW_STRING_IDS[i],
            currency.format(TEXT_VIEW_PRICES[i]));
        // Set anonymous TextView with the formatted String
        ((TextView)findViewById(TEXT_VIEW_IDS[i])).setText(formatted);
    }
}

/**
 * Launches SummaryActivity with information received from each EditText of this
 * activity.
 *
 * @param v the selected "Place Order" Button
 */
public void placeOrder(View v) {
    // Set up an Intent
    Intent intent = new Intent(this, SummaryActivity.class);

    // Populate Intent with Order data
    intent.putExtra("DoubleDoubles", getValidInput(doubleDoubleEditText));
    intent.putExtra("Cheeseburgers", getValidInput(cheeseburgerEditText));
    intent.putExtra("FrenchFries", getValidInput(frenchFriesEditText));
    intent.putExtra("Shakes", getValidInput(shakesEditText));
}

```

```

        intent.putExtra("SmallDrinks", getValidInput(smallDrinksEditText));
        intent.putExtra("MediumDrinks", getValidInput(mediumDrinksEditText));
        intent.putExtra("LargeDrinks", getValidInput(largeDrinksEditText));

        // Go to SummaryActivity
        startActivity(intent);
    }

    /**
     * Helper method for obtaining Order data from EditTexts, which may return empty Strings.
     *
     * @param numberEditText an EditText indicating a quantity of an item for this Order
     * @return an integer parsed from the given EditText, or 0
     */
    private int getValidInput(EditText numberEditText) {
        String numberString = numberEditText.getText().toString();

        if (numberString.length() > 0) {
            return Integer.parseInt(numberString);
        }
        return 0;
    }
} // End of class OrderActivity

```

SummaryActivity.java

```

package edu.miracosta.cs134.kking;

import androidx.appcompat.app.AppCompatActivity;

import android.content.Intent;
import android.os.Bundle;
import android.view.View;
import android.widget.TextView;

import java.text.NumberFormat;
import java.util.Locale;

import edu.miracosta.cs134.kking.model.Order;

/**
 * SummaryActivity : Controller for activity sent from OrderActivity. Uses the Order model to
 * process an In And Out order for a calculated quantity of items, subtotal, tax, and total.
 */
public class SummaryActivity extends AppCompatActivity {

    // View components
    private TextView totalTextView, itemsOrderedTextView, subtotalTextView, taxTextView,

```

```

        taxPercentTextView;

// Models
private Order order;

// Formatting
private NumberFormat currency = NumberFormat.getCurrencyInstance(Locale.getDefault());
private NumberFormat percent = NumberFormat.getPercentInstance(Locale.getDefault());

/**
 * Initializes this activity with the following contents:
 * TextViews presenting a number of items, subtotal, tax, and total cost of an In And Out
 * Order,
 * An Order to calculate information received from OrderActivity.
 *
 * @param savedInstanceState the re-initialized activity, or null
 */
@Override
protected void onCreate(Bundle savedInstanceState) {
    super.onCreate(savedInstanceState);
    setContentView(R.layout.activity_summary);

    // Wire up Views
    totalTextView = findViewById(R.id.totalTextView);
    itemsOrderedTextView = findViewById(R.id.itemsOrderedTextView);
    subtotalTextView = findViewById(R.id.subtotalTextView);
    taxTextView = findViewById(R.id.taxTextView);
    taxPercentTextView = findViewById(R.id.taxPercentTextView);

    // Update taxPercentTextView
    taxPercentTextView.setText(getString(R.string.tax, percent.format(Order.TAX_RATE)));

    // Extract data from Intent
    Intent intent = getIntent();
    int doubleDoubles = intent.getIntExtra("DoubleDoubles", 0);
    int cheeseburgers = intent.getIntExtra("Cheeseburgers", 0);
    int frenchFries = intent.getIntExtra("FrenchFries", 0);
    int shakes = intent.getIntExtra("Shakes", 0);
    int smallDrinks = intent.getIntExtra("SmallDrinks", 0);
    int mediumDrinks = intent.getIntExtra("MediumDrinks", 0);
    int largeDrinks = intent.getIntExtra("LargeDrinks", 0);

    // Create new Order (not the English band founded in 1980) with given data
    order = new Order(doubleDoubles, cheeseburgers, frenchFries, shakes, smallDrinks,
        mediumDrinks, largeDrinks);

    // Populate TextViews with Order data
    totalTextView.setText(currency.format(order.calculateTotal()));
    itemsOrderedTextView.setText(String.valueOf(order.getNumberItemsOrdered()));

```

```

        subtotalTextView.setText(currency.format(order.calculateSubtotal()));
        taxTextView.setText(currency.format(order.calculateTax()));
    }

    /**
     * Returns to OrderActivity.
     *
     * @param v the selected "Start New Order" Button
     */
    public void startNewOrder(View v) {
        finish();
    }
}

} // End of class SummaryActivity

```

strings.xml

```

<resources>
    <string name="app_name">In And Out</string>

    <!--OrderActivity-->
    <string name="place_order">Place an Order</string>
    <string name="double_double" formatted="true">Double Double %1$s</string>
    <string name="cheeseburger" formatted="true">Cheeseburger %1$s</string>
    <string name="french_fries" formatted="true">French Fries %1$s</string>
    <string name="shakes" formatted="true">Shake %1$s</string>
    <string name="fountain_drinks">Fountain Drinks (pick size)</string>
    <string name="small_drink" formatted="true">Small %1$s</string>
    <string name="medium_drink" formatted="true">Medium %1$s</string>
    <string name="large_drink" formatted="true">Large %1$s</string>
    <string name="button_place_order">Place Order</string>

    <!--SummaryActivity-->
    <string name="order_total">Order Total</string>
    <string name="items_ordered">Items Ordered:</string>
    <string name="subtotal">Subtotal:</string>
    <string name="tax" formatted="true">Tax (%1$s):</string>
    <string name="button_start_new_order">Start New Order</string>
</resources>

```

strings.xml (es)

```

<?xml version="1.0" encoding="utf-8"?>
<resources>
    <string name="app_name">Dentro y Fuera</string>

    <!--OrderActivity-->
    <string name="place_order">Hacer un Pedido</string>

```

```

<string name="double_double" formatted="true">Double Double %1$s</string>
<string name="cheeseburger" formatted="true">Hamburguesa con Queso %1$s</string>
<string name="french_fries" formatted="true">Papas Fritas %1$s</string>
<string name="shakes" formatted="true">Malteada %1$s</string>
<string name="fountain_drinks">Bebidas de la Fuente (elegir tamaño)</string>
<string name="small_drink" formatted="true">Pequeño %1$s</string>
<string name="medium_drink" formatted="true">Medio %1$s</string>
<string name="large_drink" formatted="true">Grande %1$s</string>
<string name="button_place_order">Realizar Pedido</string>

<!--SummaryActivity-->
<string name="order_total">Total del Pedido</string>
<string name="items_ordered">Artículos Ordenados:</string>
<string name="subtotal">Total Parcial:</string>
<string name="tax" formatted="true">Impuesto (%1$s):</string>
<string name="button_start_new_order" formatted="true">Iniciar Nuevo Pedido</string>
</resources>

```

activity_order.xml

```

<?xml version="1.0" encoding="utf-8"?>
<androidx.constraintlayout.widget.ConstraintLayout
    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:background="@drawable/order_background"
    tools:context=".OrderActivity">

    <TextView
        android:id="@+id/textView8"
        android:layout_width="wrap_content"
        android:layout_height="wrap_content"
        android:layout_marginTop="24dp"
        android:text="@string/place_order"
        android:textSize="24sp"
        android:textStyle="bold"
        app:layout_constraintEnd_toEndOf="parent"
        app:layout_constraintStart_toStartOf="parent"
        app:layout_constraintTop_toTopOf="parent" />

    <TableLayout
        android:id="@+id/tableLayout5"
        android:layout_width="0dp"
        android:layout_height="wrap_content"
        android:layout_marginStart="32dp"
        android:layout_marginTop="16dp"
        android:layout_marginEnd="32dp"

```

```
app:layout_constraintEnd_toEndOf="parent"
app:layout_constraintStart_toStartOf="parent"
app:layout_constraintTop_toBottomOf="@+id/textView8">
```

```
<TableRow
```

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

```
    <TextView
```

```
        android:id="@+id/doubleDoubleTextView"
        android:layout_width="wrap_content"
        android:layout_height="wrap_content"
        android:layout_gravity="center_vertical|end"
        android:text="@string/double_double" />
```

```
    <EditText
```

```
        android:id="@+id/doubleDoubleEditText"
        android:layout_width="wrap_content"
        android:layout_height="wrap_content"
        android:layout_gravity="start"
        android:ems="10"
        android:inputType="number"
        android:maxLength="5"
        android:paddingStart="8dp"
        android:paddingEnd="0dp" />
```

```
</TableRow>
```

```
<TableRow
```

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

```
    <TextView
```

```
        android:id="@+id/cheeseburgerTextView"
        android:layout_width="wrap_content"
        android:layout_height="wrap_content"
        android:layout_gravity="center_vertical|end"
        android:text="@string/cheeseburger" />
```

```
    <EditText
```

```
        android:id="@+id/cheeseburgerEditText"
        android:layout_width="wrap_content"
        android:layout_height="wrap_content"
        android:layout_gravity="start"
        android:ems="10"
        android:inputType="number"
        android:maxLength="5"
        android:paddingStart="8dp"
        android:paddingEnd="0dp" />
```

```
</TableRow>
```



```
<TableRow
    android:layout_width="match_parent"
    android:layout_height="match_parent">

    <TextView
        android:id="@+id/frenchFriesTextView"
        android:layout_width="wrap_content"
        android:layout_height="wrap_content"
        android:layout_gravity="center_vertical|end"
        android:text="@string/french_fries" />

    <EditText
        android:id="@+id/frenchFriesEditText"
        android:layout_width="wrap_content"
        android:layout_height="wrap_content"
        android:layout_gravity="start"
        android:ems="10"
        android:inputType="number"
        android:maxLength="5"
        android:paddingStart="8dp"
        android:paddingEnd="0dp" />
</TableRow>

<TableRow
    android:layout_width="match_parent"
    android:layout_height="match_parent">

    <TextView
        android:id="@+id/shakesTextView"
        android:layout_width="wrap_content"
        android:layout_height="wrap_content"
        android:layout_gravity="center_vertical|end"
        android:text="@string/shakes" />

    <EditText
        android:id="@+id/shakesEditText"
        android:layout_width="wrap_content"
        android:layout_height="wrap_content"
        android:layout_gravity="start"
        android:ems="10"
        android:inputType="number"
        android:maxLength="5"
        android:paddingStart="8dp"
        android:paddingEnd="0dp" />
</TableRow>

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

```

        android:layout_height="match_parent"
        android:layout_marginTop="16dp"
        android:layout_marginBottom="8dp">

        <TextView
            android:id="@+id/textView9"
            android:layout_width="wrap_content"
            android:layout_height="wrap_content"
            android:layout_gravity="end"
            android:text="@string/fountain_drinks" />
    </TableRow>

    <TableRow
        android:layout_width="match_parent"
        android:layout_height="match_parent">

        <TextView
            android:id="@+id/smallDrinksTextView"
            android:layout_width="wrap_content"
            android:layout_height="wrap_content"
            android:layout_gravity="center_vertical|end"
            android:text="@string/small_drink" />

        <EditText
            android:id="@+id/smallDrinksEditText"
            android:layout_width="wrap_content"
            android:layout_height="wrap_content"
            android:layout_gravity="start"
            android:ems="10"
            android:inputType="number"
            android:maxLength="5"
            android:paddingStart="8dp"
            android:paddingEnd="0dp" />
    </TableRow>

    <TableRow
        android:layout_width="match_parent"
        android:layout_height="match_parent">

        <TextView
            android:id="@+id/mediumDrinksTextView"
            android:layout_width="wrap_content"
            android:layout_height="wrap_content"
            android:layout_gravity="center_vertical|end"
            android:text="@string/medium_drink" />

        <EditText
            android:id="@+id/mediumDrinksEditText"
            android:layout_width="wrap_content"

```

```
        android:layout_height="wrap_content"
        android:layout_gravity="start"
        android:ems="10"
        android:inputType="number"
        android:maxLength="5"
        android:paddingStart="8dp"
        android:paddingEnd="0dp" />
</TableRow>
```

```
<TableRow
    android:layout_width="match_parent"
    android:layout_height="match_parent">
```

```
    <TextView
        android:id="@+id/largeDrinksTextView"
        android:layout_width="wrap_content"
        android:layout_height="wrap_content"
        android:layout_gravity="center_vertical|end"
        android:text="@string/large_drink" />
```

```
    <EditText
        android:id="@+id/largeDrinksEditText"
        android:layout_width="wrap_content"
        android:layout_height="wrap_content"
        android:layout_gravity="start"
        android:ems="10"
        android:inputType="number"
        android:maxLength="5"
        android:paddingStart="8dp"
        android:paddingEnd="0dp" />
```

```
</TableRow>
```

```
</TableLayout>
```

```
<Button
    android:id="@+id/placeOrderButton"
    android:layout_width="wrap_content"
    android:layout_height="wrap_content"
    android:layout_marginTop="24dp"
    android:onClick="placeOrder"
    android:text="@string/button_place_order"
    app:layout_constraintEnd_toEndOf="parent"
    app:layout_constraintStart_toStartOf="parent"
    app:layout_constraintTop_toBottomOf="@+id/tableLayout5" />
```

```
</androidx.constraintlayout.widget.ConstraintLayout>
```

```
<?xml version="1.0" encoding="utf-8"?>
<androidx.constraintlayout.widget.ConstraintLayout
    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:background="@drawable/summary_background"
    tools:context=".SummaryActivity">

    <TableLayout
        android:id="@+id/tableLayout"
        android:layout_width="0dp"
        android:layout_height="wrap_content"
        android:layout_marginStart="32dp"
        android:layout_marginTop="128dp"
        android:layout_marginEnd="32dp"
        app:layout_constraintEnd_toEndOf="parent"
        app:layout_constraintStart_toStartOf="parent"
        app:layout_constraintTop_toTopOf="parent">

        <TableRow
            android:layout_width="match_parent"
            android:layout_height="match_parent"
            android:layout_marginBottom="16dp">

            <TextView
                android:layout_width="wrap_content"
                android:layout_height="wrap_content"
                android:paddingStart="0dp"
                android:paddingEnd="8dp"
                android:text="@string/order_total"
                android:textSize="24sp"
                android:textStyle="bold" />

            <TextView
                android:id="@+id/totalTextView"
                android:layout_width="wrap_content"
                android:layout_height="wrap_content"
                android:textSize="24sp"
                android:textStyle="bold" />
        </TableRow>

        <TableRow
            android:layout_width="match_parent"
            android:layout_height="match_parent">
```

```
<TextView
    android:layout_width="wrap_content"
    android:layout_height="wrap_content"
    android:text="@string/items_ordered" />

<TextView
    android:id="@+id/itemsOrderedTextView"
    android:layout_width="wrap_content"
    android:layout_height="wrap_content" />
</TableRow>

<TableRow
    android:layout_width="match_parent"
    android:layout_height="match_parent">

    <TextView
        android:layout_width="wrap_content"
        android:layout_height="wrap_content"
        android:text="@string/subtotal" />

    <TextView
        android:id="@+id/subtotalTextView"
        android:layout_width="wrap_content"
        android:layout_height="wrap_content" />
</TableRow>

<TableRow
    android:layout_width="match_parent"
    android:layout_height="match_parent">

    <TextView
        android:id="@+id/taxPercentTextView"
        android:layout_width="wrap_content"
        android:layout_height="wrap_content"
        android:text="@string/tax" />

    <TextView
        android:id="@+id/taxTextView"
        android:layout_width="wrap_content"
        android:layout_height="wrap_content" />
</TableRow>
</TableLayout>

<Button
    android:id="@+id/startNewOrderButton"
    android:layout_width="wrap_content"
    android:layout_height="wrap_content"
    android:layout_marginStart="32dp"
    android:layout_marginTop="32dp"
```

```
        android:onClick="startNewOrder"  
        android:text="@string/button_start_new_order"  
        app:layout_constraintStart_toStartOf="parent"  
        app:layout_constraintTop_toBottomOf="@+id/tableLayout" />  
</androidx.constraintlayout.widget.ConstraintLayout>
```