

MainActivity.kt

```
package com.example.hw01_burger_app
```

```
import androidx.appcompat.app.AppCompatActivity
import android.os.Bundle
import com.example.hw01_burger_app.databinding.ActivityMainBinding
```

```
class MainActivity : AppCompatActivity() {
    private var binding: ActivityMainBinding? = null

    override fun onCreate(savedInstanceState: Bundle?) {
        super.onCreate(savedInstanceState)
        binding = ActivityMainBinding.inflate(layoutInflater)
        setContentView(binding?.root)

    }
}
```

layout/activity_main.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">

    <TextView
        android:id="@+id/welcome_tv"
        android:layout_width="wrap_content"
        android:layout_height="wrap_content"
        android:layout_marginTop="30dp"
        android:text="@string/burger_shop"
        android:textSize="16sp"
        android:textStyle="bold"
        app:layout_constraintEnd_toEndOf="parent"
        app:layout_constraintStart_toStartOf="parent"
        app:layout_constraintTop_toTopOf="parent" />

    <ImageView
        android:id="@+id/burger_iv"
        android:layout_width="wrap_content"
        android:layout_height="wrap_content"
        android:src="@drawable/burger"
        app:layout_constraintEnd_toEndOf="parent"
        app:layout_constraintStart_toStartOf="parent"
        tools:layout_editor_absoluteY="75dp" />
```

```

<TextView
    android:id="@+id/bun_prompt_tv"
    android:layout_width="wrap_content"
    android:layout_height="wrap_content"
    android:text="@string/select_a_bun"
    app:layout_constraintEnd_toStartOf="@+id/buns_sprnr"
    app:layout_constraintStart_toStartOf="parent"
    tools:layout_editor_absoluteY="325dp" />

<Spinner
    android:id="@+id/buns_sprnr"
    android:layout_width="wrap_content"
    android:layout_height="wrap_content"
    app:layout_constraintEnd_toEndOf="parent"
    app:layout_constraintStart_toEndOf="@id/bun_prompt_tv"
    tools:layout_editor_absoluteY="322dp" />

<TextView
    android:id="@+id/patty_prompt_tv"
    android:layout_width="wrap_content"
    android:layout_height="wrap_content"
    android:text="@string/select_a_patty"
    app:layout_constraintEnd_toStartOf="@+id/buns_sprnr"
    app:layout_constraintStart_toStartOf="parent"
    tools:layout_editor_absoluteY="375dp" />

<Spinner
    android:id="@+id/patty_sprnr"
    android:layout_width="wrap_content"
    android:layout_height="wrap_content"
    app:layout_constraintEnd_toEndOf="parent"
    app:layout_constraintStart_toEndOf="@id/bun_prompt_tv"
    tools:layout_editor_absoluteY="372dp" />

<TextView
    android:id="@+id/topping_prompt_tv"
    android:layout_width="wrap_content"
    android:layout_height="wrap_content"
    android:text="@string/select_a_topping"
    app:layout_constraintEnd_toEndOf="parent"
    app:layout_constraintStart_toStartOf="parent"
    tools:layout_editor_absoluteY="425dp" />

<CheckBox
    android:id="@+id/checkbox_chbx"
    android:layout_width="wrap_content"
    android:layout_height="wrap_content"
    android:text="@string/bacon"
    app:layout_constraintStart_toStartOf="parent"
    app:layout_constraintEnd_toEndOf="parent"
    tools:layout_editor_absoluteY="450dp" />

<TextView

```

```
    android:id="@+id/amount_prompt_tv"
    android:layout_width="wrap_content"
    android:layout_height="wrap_content"
    android:text="@string/enter_amount"
    app:layout_constraintStart_toStartOf="parent"
    app:layout_constraintEnd_toStartOf="@id/amount_input"
    tools:layout_editor_absoluteY="548dp" />
```

```
<com.google.android.material.textfield.TextInputEditText
    android:id="@+id/amount_input"
    android:layout_width="wrap_content"
    android:layout_height="wrap_content"
    android:hint="@string/_4"
    android:inputType="numberDecimal"
    android:textSize="14sp"
    app:layout_constraintStart_toEndOf="@id/amount_prompt_tv"
    app:layout_constraintEnd_toEndOf="parent"
    tools:layout_editor_absoluteY="536dp" />
```

```
<Button
    android:id="@+id/purchase_button"
    android:layout_width="wrap_content"
    android:layout_height="wrap_content"
    android:text="@string/purchase"
    app:layout_constraintStart_toStartOf="parent"
    app:layout_constraintEnd_toEndOf="parent"
    tools:layout_editor_absoluteY="587dp" />
```

```
<TextView
    android:id="@+id/cost_description"
    android:layout_width="wrap_content"
    android:layout_height="wrap_content"
    android:text="@string/cost"
    app:layout_constraintStart_toStartOf="parent"
    app:layout_constraintEnd_toStartOf="@id/actual_cost"
    tools:layout_editor_absoluteY="654dp" />
```

```
<TextView
    android:id="@+id/actual_cost"
    android:layout_width="wrap_content"
    android:layout_height="wrap_content"
    android:text="@string/_20_00"
    tools:layout_editor_absoluteX="173dp"
    tools:layout_editor_absoluteY="654dp" />
```

```
<TextView
    android:id="@+id/calories_description"
    android:layout_width="wrap_content"
    android:layout_height="wrap_content"
    android:text="@string/calories"
    tools:layout_editor_absoluteX="261dp"
    tools:layout_editor_absoluteY="659dp" />
```

```
<TextView
    android:id="@+id/actual_calories"
    android:layout_width="wrap_content"
    android:layout_height="wrap_content"
    android:text="@string/_2000"
    tools:layout_editor_absoluteX="335dp"
    tools:layout_editor_absoluteY="659dp" />

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

values/strings.xml

```
<resources>
    <string name="app_name">HW01_Burger_App</string>
    <string name="burger_shop">Burger Shop</string>
    <string name="select_a_bun">Select a bun:</string>
    <string name="select_a_patty">Select a patty:</string>
    <string name="select_a_topping">Select a topping:</string>
    <string name="enter_amount">Enter amount:</string>
    <string name="_4">4</string>
    <string name="purchase">Purchase</string>
    <string name="cost">Cost:</string>
    <string name="_20_00">$20.00</string>
    <string name="calories">Calories:</string>
    <string name="_2000">2000</string>
    <string name="bacon">Bacon</string>
</resources>
```