**Main**

*<?***xml version="1.0" encoding="utf-8"***?>*<**RelativeLayout 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/maro"  
 tools:context=".MainActivity"**>  
  
 <**LinearLayout  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:layout\_alignParentTop="true"**>  
  
 <**TextView  
 android:layout\_width="match\_parent"  
 android:layout\_height="wrap\_content"  
 android:layout\_gravity="center\_horizontal"  
 android:layout\_marginLeft="25dp"  
 android:background="@android:color/transparent"  
 android:text="\*\*\*FAST-FOOD WORLD\*\*\*"  
 android:textAppearance="?android:textAppearanceLarge"  
 android:textColor="@android:color/holo\_green\_dark"  
 android:textColorLink="@android:color/holo\_red\_light"  
 android:textSize="30dp"  
 android:textStyle="bold|italic"** />  
  
 </**LinearLayout**>  
  
 <**TextView  
 android:id="@+id/textView9"  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:layout\_alignParentTop="true"  
 android:layout\_alignStart="@+id/imageView2"  
 android:layout\_alignLeft="@+id/imageView2"  
 android:layout\_marginTop="96dp"  
 android:background="@android:color/transparent"  
 android:text="Choose One or More Items:"  
 android:textColor="@android:color/holo\_purple"  
 android:textSize="24sp"  
 android:textStyle="bold"** />  
  
 <**ImageView  
 android:id="@+id/imageView2"  
 android:layout\_width="89dp"  
 android:layout\_height="55dp"  
 android:layout\_alignBottom="@+id/imageView4"  
 android:layout\_alignStart="@+id/checkBox4"  
 android:layout\_alignLeft="@+id/checkBox4"  
 android:layout\_marginBottom="-1dp"  
 android:background="@android:color/transparent"  
 app:srcCompat="@drawable/fries"** />  
  
 <**ImageView  
 android:id="@+id/imageView3"  
 android:layout\_width="61dp"  
 android:layout\_height="51dp"  
 android:layout\_alignBottom="@+id/imageView2"  
 android:layout\_centerHorizontal="true"  
 app:srcCompat="@drawable/pizza"** />  
  
 <**ImageView  
 android:id="@+id/imageView4"  
 android:layout\_width="72dp"  
 android:layout\_height="50dp"  
 android:layout\_alignBottom="@+id/checkBox"  
 android:layout\_alignParentEnd="true"  
 android:layout\_alignParentRight="true"  
 android:layout\_marginBottom="8dp"  
 android:layout\_marginEnd="30dp"  
 android:layout\_marginRight="30dp"  
 app:srcCompat="@drawable/burt"** />  
  
 <**CheckBox  
 android:id="@+id/checkBox"  
 android:layout\_width="81dp"  
 android:layout\_height="19dp"  
 android:layout\_alignParentTop="true"  
 android:layout\_alignStart="@+id/imageView2"  
 android:layout\_alignLeft="@+id/imageView2"  
 android:layout\_marginTop="194dp"  
 android:background="#7886d3"  
 android:text="$10"  
 android:textColor="@android:color/holo\_red\_light"  
 android:textSize="15dp"  
 android:textStyle="bold"** />  
  
 <**CheckBox  
 android:id="@+id/checkBox2"  
 android:layout\_width="82dp"  
 android:layout\_height="17dp"  
 android:layout\_below="@+id/imageView2"  
 android:layout\_centerHorizontal="true"  
 android:layout\_marginTop="2dp"  
 android:background="#7886d3"  
 android:text="$40"  
 android:textColor="@android:color/holo\_red\_light"  
 android:textSize="15dp"  
 android:textStyle="bold"** />  
  
 <**CheckBox  
 android:id="@+id/checkBox3"  
 android:layout\_width="85dp"  
 android:layout\_height="19dp"  
 android:layout\_alignEnd="@+id/imageView6"  
 android:layout\_alignRight="@+id/imageView6"  
 android:layout\_below="@+id/imageView2"  
 android:background="#7886d3"  
 android:text="$20"  
 android:textColor="@android:color/holo\_red\_light"  
 android:textSize="15dp"  
 android:textStyle="bold"** />  
  
 <**ImageView  
 android:id="@+id/imageView5"  
 android:layout\_width="86dp"  
 android:layout\_height="60dp"  
 android:layout\_alignTop="@+id/imageView7"  
 android:layout\_centerHorizontal="true"  
 app:srcCompat="@drawable/wingst"** />  
  
 <**ImageView  
 android:id="@+id/imageView6"  
 android:layout\_width="66dp"  
 android:layout\_height="51dp"  
 android:layout\_alignBottom="@+id/imageView5"  
 android:layout\_alignLeft="@+id/imageView4"  
 android:layout\_alignStart="@+id/imageView4"  
 android:layout\_marginLeft="7dp"  
 android:layout\_marginStart="7dp"  
 android:background="@android:color/darker\_gray"  
 app:srcCompat="@drawable/tit"** />  
  
 <**ImageView  
 android:id="@+id/imageView7"  
 android:layout\_width="63dp"  
 android:layout\_height="56dp"  
 android:layout\_alignLeft="@+id/imageView2"  
 android:layout\_alignParentBottom="true"  
 android:layout\_alignStart="@+id/imageView2"  
 android:layout\_marginBottom="213dp"  
 android:layout\_marginLeft="5dp"  
 android:layout\_marginStart="5dp"  
 app:srcCompat="@drawable/stat"** />  
  
 <**CheckBox  
 android:id="@+id/checkBox4"  
 android:layout\_width="79dp"  
 android:layout\_height="17dp"  
 android:layout\_alignParentStart="true"  
 android:layout\_alignParentLeft="true"  
 android:layout\_below="@+id/imageView7"  
 android:layout\_marginStart="15dp"  
 android:layout\_marginLeft="15dp"  
 android:layout\_marginTop="-204dp"  
 android:background="#7886d3"  
 android:text="$50"  
 android:textColor="@android:color/holo\_red\_light"  
 android:textSize="15dp"  
 android:textStyle="bold"** />  
  
 <**CheckBox  
 android:id="@+id/checkBox5"  
 android:layout\_width="91dp"  
 android:layout\_height="20dp"  
 android:layout\_below="@+id/imageView5"  
 android:layout\_centerHorizontal="true"  
 android:background="#7886d3"  
 android:text="$30"  
 android:textColor="@android:color/holo\_red\_light"  
 android:textSize="15dp"  
 android:textStyle="bold"** />  
  
 <**CheckBox  
 android:id="@+id/checkBox6"  
 android:layout\_width="83dp"  
 android:layout\_height="19dp"  
 android:layout\_alignStart="@+id/imageView4"  
 android:layout\_alignLeft="@+id/imageView4"  
 android:layout\_below="@+id/imageView5"  
 android:background="#7886d3"  
 android:text="$35"  
 android:textColor="@android:color/holo\_red\_light"  
 android:textSize="15dp"  
 android:textStyle="bold"** />  
  
 <**ImageButton  
 android:id="@+id/imageButton6"  
 android:layout\_width="65dp"  
 android:layout\_height="51dp"  
 android:layout\_alignEnd="@+id/checkBox"  
 android:layout\_alignRight="@+id/checkBox"  
 android:layout\_alignParentBottom="true"  
 android:layout\_marginBottom="46dp"  
 android:onClick="trolly"  
 app:srcCompat="@drawable/ttrr"** />  
  
 <**TextView  
 android:id="@+id/textView"  
 android:layout\_width="149dp"  
 android:layout\_height="68dp"  
 android:layout\_alignBottom="@+id/imageButton6"  
 android:layout\_alignParentEnd="true"  
 android:layout\_alignParentRight="true"  
 android:layout\_marginEnd="39dp"  
 android:layout\_marginRight="39dp"  
 android:background="#aceaf4"  
 android:text="  
 Price"  
 android:textColor="@android:color/black"** />  
  
  
 <**Button  
 android:id="@+id/button"  
 android:layout\_width="39dp"  
 android:layout\_height="35dp"  
 android:layout\_alignBottom="@+id/textView2"  
 android:layout\_toEndOf="@+id/checkBox"  
 android:layout\_toRightOf="@+id/checkBox"  
 android:onClick="decrement"  
 android:text="-"  
 android:textSize="16dp"** />  
  
 <**TextView  
 android:id="@+id/textView2"  
 android:layout\_width="78dp"  
 android:layout\_height="31dp"  
 android:layout\_alignParentBottom="true"  
 android:layout\_alignParentStart="true"  
 android:layout\_alignParentLeft="true"  
 android:layout\_marginBottom="130dp"  
 android:layout\_marginStart="138dp"  
 android:layout\_marginLeft="38dp"  
 android:background="@android:color/darker\_gray"  
 android:text=" 0"  
 android:textAllCaps="true"  
 android:textColor="@android:color/holo\_red\_dark"** />  
  
 <**Button  
 android:id="@+id/button2"  
 android:layout\_width="37dp"  
 android:layout\_height="35dp"  
 android:layout\_alignTop="@+id/button"  
 android:layout\_toEndOf="@+id/imageView3"  
 android:layout\_toRightOf="@+id/imageView3"  
 android:onClick="increment"  
 android:text="+"** />  
  
 <**EditText  
 android:id="@+id/editText"  
 android:layout\_width="339dp"  
 android:layout\_height="wrap\_content"  
 android:layout\_alignParentTop="true"  
 android:layout\_centerHorizontal="true"  
 android:layout\_marginTop="51dp"  
 android:hint="Enter Your Name"  
 android:inputType="textCapWords"  
 android:textColor="@android:color/holo\_orange\_dark"  
 android:textColorHint="@android:color/darker\_gray"  
 android:textSize="12dp"** />  
  
 <**TextView  
 android:id="@+id/textView3"  
 android:layout\_width="wrap\_content"  
 android:layout\_height="31dp"  
 android:layout\_alignStart="@+id/textView9"  
 android:layout\_alignLeft="@+id/textView9"  
 android:layout\_alignTop="@+id/button"  
 android:text="Quantity:"  
 android:textColor="@android:color/holo\_green\_dark"  
 android:textSize="18dp"  
 android:textStyle="bold"** />  
  
</**RelativeLayout**>

**Java**

**package** com.example.alixnain.fast\_foodbillingapp;  
  
**import** android.support.v7.app.AppCompatActivity;  
**import** android.os.Bundle;  
**import** android.view.View;  
**import** android.widget.CheckBox;  
**import** android.widget.EditText;  
**import** android.widget.TextView;  
**import** android.widget.Toast;  
  
**public class** MainActivity **extends** AppCompatActivity {  
 **int quantity**=0;  
  
 @Override  
 **protected void** onCreate(Bundle savedInstanceState) {  
 **super**.onCreate(savedInstanceState);  
 setContentView(R.layout.***activity\_main***);  
 }  
  
 **public void** decrement(View view) {  
 **quantity**=**quantity**-1;  
 **if**(**quantity**<0){  
 Toast.*makeText*(getApplicationContext(),**"less than 1 is not valid"**,Toast.***LENGTH\_SHORT***).show();  
 }  
 **else** {  
 displayquantity(**quantity**);  
 }  
 }  
  
 **public void** increment(View view) {  
 **quantity**=**quantity**+1;  
 **if**(**quantity**>30){  
 Toast.*makeText*(getApplicationContext(),**"greater than 30 is not valid"**,Toast.***LENGTH\_SHORT***).show();  
 }  
 **else** {  
 displayquantity(**quantity**);  
 }  
 }  
  
 **private void** displayquantity(**int** quantity) {  
 TextView quantity1=(TextView)findViewById(R.id.***textView2***);  
 quantity1.setText(**""**+quantity);  
 }  
 **private void** displayMessage(String finalMessage) {  
 TextView Message=(TextView)findViewById(R.id.***textView***);  
 Message.setText(**""**+finalMessage);  
 }  
  
 **private** String createFinalMessage(String names, Boolean chip, Boolean piz, Boolean bur, Boolean sta, Boolean win, Boolean tik, **int** price) {  
 String Message=**"Name:"**+names+**"\n"**+**"Total Price $:"**+price;  
 **return** Message;  
 }  
  
 **private int** calculatePrice(Boolean chip, Boolean piz, Boolean bur, Boolean sta, Boolean win, Boolean tik) {  
 **int** price=10;  
 **if**(chip)  
 {  
 price=price+0;  
 }  
 **if**(piz)  
 {  
 price=price+30;  
 }  
 **if**(bur)  
 {  
 price=price+10;  
 }  
 **if**(sta)  
 {  
 price=price+40;  
 }  
 **if**(win)  
 {  
 price=price+20;  
 }  
 **if**(tik)  
 {  
 price=price+25;  
 }  
 **return** price\***quantity**;  
  
 }  
  
  
 **public void** trolly(View view) {  
 EditText name=(EditText) findViewById(R.id.***editText***);  
 String names=name.getText().toString();  
 CheckBox c=(CheckBox)findViewById(R.id.***checkBox***);  
 Boolean chip=c.isChecked();  
 CheckBox p=(CheckBox)findViewById(R.id.***checkBox2***);  
 Boolean piz=p.isChecked();  
 CheckBox b=(CheckBox)findViewById(R.id.***checkBox3***);  
 Boolean bur=b.isChecked();  
 CheckBox s=(CheckBox)findViewById(R.id.***checkBox4***);  
 Boolean sta=s.isChecked();  
 CheckBox w=(CheckBox)findViewById(R.id.***checkBox5***);  
 Boolean win=w.isChecked();  
 CheckBox t=(CheckBox)findViewById(R.id.***checkBox6***);  
 Boolean tik=t.isChecked();  
 **int** price=calculatePrice(chip,piz,bur,sta,win,tik);  
 String finalMessage=createFinalMessage(names,chip,piz,bur,sta,win,tik,price);  
 displayMessage(finalMessage);  
 }  
}