**Checkbox**

**MainActivity.java**

package com.example.checkbox1;  
  
import android.support.v7.app.AppCompatActivity;  
import android.os.Bundle;  
import android.view.View;  
import android.widget.Button;  
import android.widget.CheckBox;  
import android.widget.Toast;  
  
public class MainActivity extends AppCompatActivity {  
 CheckBox pizza,coffee,burger;  
 Button buttonOrder;  
  
 @Override  
 protected void onCreate(Bundle savedInstanceState) {  
 super.onCreate(savedInstanceState);  
 setContentView(R.layout.*activity\_main*);  
 addListenerOnButtonClick();  
 }  
  
 private void addListenerOnButtonClick() {  
 //Getting instance of CheckBoxes and Button from the activty\_main.xml file  
 pizza=(CheckBox)findViewById(R.id.*checkBox*);  
 coffee=(CheckBox)findViewById(R.id.*checkBox2*);  
 burger=(CheckBox)findViewById(R.id.*checkBox3*);  
 buttonOrder=(Button)findViewById(R.id.*button*);  
  
 //Applying the Listener on the Button click  
 buttonOrder.setOnClickListener(new View.OnClickListener(){  
  
 @Override  
 public void onClick(View view) {  
 int totalamount=0;  
 StringBuilder result=new StringBuilder();  
 result.append("Selected Items:");  
 if(pizza.isChecked()){  
 result.append("\nPizza 100Rs");  
 totalamount+=100;  
 }  
 if(coffee.isChecked()){  
 result.append("\nCoffee 50Rs");  
 totalamount+=50;  
 }  
 if(burger.isChecked()){  
 result.append("\nBurger 120Rs");  
 totalamount+=120;  
 }  
 result.append("\nTotal: "+totalamount+"Rs");  
 //Displaying the message on the toast  
 Toast.*makeText*(getApplicationContext(), result.toString(), Toast.*LENGTH\_LONG*).show();  
 }  
  
 });  
 }  
}

**activity\_main.xml**

<?xml version="1.0" encoding="utf-8"?>  
<android.support.constraint.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"  
 tools:context=".MainActivity">  
  
  
 <CheckBox  
 android:id="@+id/checkBox"  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:layout\_marginLeft="144dp"  
 android:layout\_marginTop="68dp"  
 android:text="Pizza"  
 app:layout\_constraintStart\_toStartOf="parent"  
 app:layout\_constraintTop\_toTopOf="parent" />  
  
 <CheckBox  
 android:id="@+id/checkBox2"  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:layout\_marginLeft="144dp"  
 android:layout\_marginTop="28dp"  
 android:text="Coffee"  
 app:layout\_constraintStart\_toStartOf="parent"  
 app:layout\_constraintTop\_toBottomOf="@+id/checkBox" />  
  
 <CheckBox  
 android:id="@+id/checkBox3"  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:layout\_marginLeft="144dp"  
 android:layout\_marginTop="28dp"  
 android:text="Burger"  
 app:layout\_constraintStart\_toStartOf="parent"  
 app:layout\_constraintTop\_toBottomOf="@+id/checkBox2" />  
  
 <Button  
 android:id="@+id/button"  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:layout\_marginLeft="144dp"  
 android:layout\_marginTop="184dp"  
 android:text="Order"  
 app:layout\_constraintStart\_toStartOf="parent"  
 app:layout\_constraintTop\_toBottomOf="@+id/checkBox3" />  
  
</android.support.constraint.ConstraintLayout>