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"  
 tools:context=".MainActivity"**>  
  
 <**TextView  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:text="Click on above menu option for getting the restaurent menu."  
 android:textAppearance="?android:textAppearanceLarge"  
 app:layout\_constraintBottom\_toBottomOf="parent"  
 app:layout\_constraintLeft\_toLeftOf="parent"  
 app:layout\_constraintRight\_toRightOf="parent"  
 app:layout\_constraintTop\_toTopOf="parent"** />  
  
</**androidx.constraintlayout.widget.ConstraintLayout**>

EXAMPLE\_MENU.XML

*<?***xml version="1.0" encoding="utf-8"***?>*<**menu xmlns:android="http://schemas.android.com/apk/res/android"  
 xmlns:app="http://schemas.android.com/apk/res-auto"**>  
  
 <**item  
 android:id="@+id/item1"  
 android:icon="@drawable/ic\_icon"  
 android:title="Soup"  
 app:showAsAction="ifRoom"** >  
 <**menu**>  
 <**item  
 android:id="@+id/s1"  
 android:title="Manchow"** />  
 <**item  
 android:id="@+id/s2"  
 android:title="Hot n Sour"** />  
 <**item  
 android:id="@+id/s3"  
 android:title="Chicken"** />  
 </**menu**>  
 </**item**>  
  
 <**item  
 android:id="@+id/item2"  
 android:title="Roti"  
 app:showAsAction="never"** >  
 <**menu**>  
 <**item  
 android:id="@+id/r1"  
 android:title="Tandoori"** />  
 <**item  
 android:id="@+id/r2"  
 android:title="Naan"** />  
 <**item  
 android:id="@+id/r3"  
 android:title="phulka"** />  
 </**menu**>  
 </**item**>  
  
 <**item  
 android:id="@+id/item3"  
 android:title="Chinese"  
 app:showAsAction="never"**>  
  
 <**menu**>  
  
 <**item  
 android:id="@+id/c1"  
 android:title="Choupsey"** />  
  
 <**item  
 android:id="@+id/c2"  
 android:title="Hakka Noodles"** />  
 <**item  
 android:id="@+id/c3"  
 android:title="Spring Rolls"** />  
 <**item  
 android:id="@+id/c4"  
 android:title="Momos"** />  
 <**menu**>  
 <**item  
 android:id="@+id/m1"  
 android:title="Steamed Momos"** />  
 <**item  
 android:id="@+id/m2"  
 android:title="Paneer Momos"** />  
 <**item  
 android:id="@+id/m3"  
 android:title="Cheese Momos"** />  
 <**item  
 android:id="@+id/m4"  
 android:title="Tandoori Momos"** />  
 <**item  
 android:id="@+id/m5"  
 android:title="Chocolate Momos"** />  
 </**menu**>  
 <**item  
 android:id="@+id/c5"  
 android:title="Chilli Paneer"** />  
  
 </**menu**>  
  
 </**item**>  
 <**item  
 android:id="@+id/item4"  
 android:title="Main Course"  
 app:showAsAction="never"** >  
 <**menu**>  
 <**item  
 android:id="@+id/main1"  
 android:title="Shahi Paneer "** />  
 <**item  
 android:id="@+id/main2"  
 android:title="Mix Veg"**/>  
 </**menu**>  
 </**item**>  
  
</**menu**>

MAINACTIVITY.JAVA

**package** com.example.menuexample;  
  
**import** androidx.appcompat.app.AppCompatActivity;  
  
**import** android.os.Bundle;  
**import** android.view.Menu;  
**import** android.view.MenuInflater;  
**import** android.view.MenuItem;  
**import** android.widget.Toast;  
  
**public class** MainActivity **extends** AppCompatActivity {  
  
 @Override  
 **protected void** onCreate(Bundle savedInstanceState) {  
 **super**.onCreate(savedInstanceState);  
 setContentView(R.layout.***activity\_main***);  
 }  
  
 @Override  
 **public boolean** onCreateOptionsMenu(Menu menu) {  
 MenuInflater inflater = getMenuInflater();  
 inflater.inflate(R.menu.***example\_menu***, menu);  
 **return true**;  
 }  
  
 @Override  
 **public boolean** onOptionsItemSelected(MenuItem item) {  
 **switch** (item.getItemId()) {  
 **case** R.id.***item1***:  
 Toast.*makeText*(**this**, **"Soup selected"**, Toast.***LENGTH\_SHORT***).show();  
 **return true**;  
 **case** R.id.***s1***:  
 Toast.*makeText*(**this**, **"Manchow Soup selected"**, Toast.***LENGTH\_SHORT***).show();  
 **return true**;  
 **case** R.id.***s2***:  
 Toast.*makeText*(**this**, **"Hot N Sour soup selected"**, Toast.***LENGTH\_SHORT***).show();  
 **return true**;  
 **case** R.id.***s3***:  
 Toast.*makeText*(**this**, **"Chicken Soup selected"**, Toast.***LENGTH\_SHORT***).show();  
 **return true**;  
 **case** R.id.***item2***:  
 Toast.*makeText*(**this**, **"Roti selected"**, Toast.***LENGTH\_SHORT***).show();  
 **return true**;  
 **case** R.id.***r1***:  
 Toast.*makeText*(**this**, **"Tandoori Roti selected"**, Toast.***LENGTH\_SHORT***).show();  
 **return true**;  
 **case** R.id.***r2***:  
 Toast.*makeText*(**this**, **"Naan selected"**, Toast.***LENGTH\_SHORT***).show();  
 **return true**;  
 **case** R.id.***r3***:  
 Toast.*makeText*(**this**, **"Phulka selected"**, Toast.***LENGTH\_SHORT***).show();  
 **return true**;  
 **case** R.id.***item3***:  
 Toast.*makeText*(**this**, **"Chinese selected"**, Toast.***LENGTH\_SHORT***).show();  
 **return true**;  
 **case** R.id.***c1***:  
 Toast.*makeText*(**this**, **"Choupsey selected"**, Toast.***LENGTH\_SHORT***).show();  
 **return true**;  
 **case** R.id.***c2***:  
 Toast.*makeText*(**this**, **"Hakka Noodles selected"**, Toast.***LENGTH\_SHORT***).show();  
 **return true**;  
 **case** R.id.***c3***:  
 Toast.*makeText*(**this**, **"Spring Rolls selected"**, Toast.***LENGTH\_SHORT***).show();  
 **return true**;  
 **case** R.id.***c4***:  
 Toast.*makeText*(**this**, **"Momos selected"**, Toast.***LENGTH\_SHORT***).show();  
 **return true**;  
 **case** R.id.***m1***:  
 Toast.*makeText*(**this**, **"Steamed Momos selected"**, Toast.***LENGTH\_SHORT***).show();  
 **return true**;  
 **case** R.id.***m2***:  
 Toast.*makeText*(**this**, **"Paneer Momos selected"**, Toast.***LENGTH\_SHORT***).show();  
 **return true**;  
 **case** R.id.***m3***:  
 Toast.*makeText*(**this**, **"Cheese selected"**, Toast.***LENGTH\_SHORT***).show();  
 **return true**;  
 **case** R.id.***m4***:  
 Toast.*makeText*(**this**, **"Tandoori selected"**, Toast.***LENGTH\_SHORT***).show();  
 **return true**;  
 **case** R.id.***m5***:  
 Toast.*makeText*(**this**, **"Chocolate Momos selected"**, Toast.***LENGTH\_SHORT***).show();  
 **return true**;  
 **case** R.id.***c5***:  
 Toast.*makeText*(**this**, **"Chilli Paneer selected"**, Toast.***LENGTH\_SHORT***).show();  
 **return true**;  
 **case** R.id.***item4***:  
 Toast.*makeText*(**this**, **"Main Course selected"**, Toast.***LENGTH\_SHORT***).show();  
 **return true**;  
 **case** R.id.***main1***:  
 Toast.*makeText*(**this**, **"Shahi Paneer selected"**, Toast.***LENGTH\_SHORT***).show();  
 **return true**;  
 **case** R.id.***main2***:  
 Toast.*makeText*(**this**, **"Mix veg selected"**, Toast.***LENGTH\_SHORT***).show();  
 **return true**;  
 **default**:  
 **return super**.onOptionsItemSelected(item);  
 }  
 }  
}