**MainActivity.java**

**package** com.example.myapplicationsanmenu;  
  
**import** android.support.v7.app.AppCompatActivity;  
**import** android.os.Bundle;  
**import** android.view.ContextMenu;  
**import** android.view.Menu;  
**import** android.view.MenuInflater;  
**import** android.view.MenuItem;  
**import** android.view.View;  
**import** android.widget.Button;  
**import** android.widget.Toast;  
  
**public class** MainActivity **extends** AppCompatActivity {  
 Button **btnStart**;  
  
 @Override  
 **protected void** onCreate(Bundle savedInstanceState) {  
 **super**.onCreate(savedInstanceState);  
 setContentView(R.layout.***activity\_main***);  
 **btnStart** = (Button)findViewById(R.id.***btnStart***);  
 registerForContextMenu(**btnStart**);  
 }  
 **public boolean** onCreateOptionsMenu(Menu menu)  
 {  
 getMenuInflater().inflate(R.menu.***menu\_main***,menu);  
 **return true**;  
 }  
 **public boolean** onOptionsItemSelected(MenuItem items){  
 **switch** (items.getItemId())  
 {  
 **case** R.id.***search***:  
 Toast.*makeText*(**this**,**"Search"**,Toast.***LENGTH\_LONG***).show();  
 **return true**;  
 **case** R.id.***setings***:  
 Toast.*makeText*(**this**, **"Settings"**, Toast.***LENGTH\_LONG***).show();  
 **return true**;  
 **default**:  
 **return super**.onOptionsItemSelected(items);  
  
 }  
 }  
 **public void** onCreateContextMenu(ContextMenu menu, View view, ContextMenu.ContextMenuInfo info)  
 {  
 getMenuInflater().inflate(R.menu.***context\_main***,menu);  
 **super**.onCreateContextMenu(menu, view, info);  
 }  
 **public boolean** onContextItemSelected(MenuItem item)  
 {  
 **switch** (item.getItemId()) {  
 **case** R.id.***Login***:  
 Toast.*makeText*(**this**, **"Login"**, Toast.***LENGTH\_LONG***).show();  
 **return true**;  
 **case** R.id.***Register***:  
 Toast.*makeText*(**this**, **"Register"**, Toast.***LENGTH\_LONG***).show();  
 **return true**;  
 **default**:  
 **return super**.onContextItemSelected(item);  
 }  
 }  
}

**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"**>  
  
 <**TextView  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:text="Click button for Context Menu"  
 app:layout\_constraintBottom\_toBottomOf="parent"  
 app:layout\_constraintLeft\_toLeftOf="parent"  
 app:layout\_constraintRight\_toRightOf="parent"  
 app:layout\_constraintTop\_toTopOf="parent"** />  
  
 <**Button  
 android:id="@+id/btnStart"  
 android:layout\_width="wrap\_content"  
 android:layout\_height="43dp"  
 android:layout\_marginStart="8dp"  
 android:layout\_marginTop="8dp"  
 android:layout\_marginEnd="8dp"  
 android:layout\_marginBottom="8dp"  
 android:text="Button"  
 app:layout\_constraintBottom\_toBottomOf="parent"  
 app:layout\_constraintEnd\_toEndOf="parent"  
 app:layout\_constraintHorizontal\_bias="0.517"  
 app:layout\_constraintStart\_toStartOf="parent"  
 app:layout\_constraintTop\_toTopOf="parent"  
 app:layout\_constraintVertical\_bias="0.571"** />  
  
</**android.support.constraint.ConstraintLayout**>

**menu\_main.xml**

*<?***xml version="1.0" encoding="utf-8"***?>*<**menu xmlns:android="http://schemas.android.com/apk/res/android"**>  
 <**item  
 android:id = "@+id/search"  
 android:title="Search"  
 android:icon="@drawable/search"** />  
 <**item  
 android:id = "@+id/setings"  
 android:title="Settings"  
 android:icon="@drawable/settings"** />  
  
  
</**menu**>

**context\_main.xml**

*<?***xml version="1.0" encoding="utf-8"***?>*<**menu xmlns:android="http://schemas.android.com/apk/res/android"**>  
 <**item  
 android:id="@+id/Login"  
 android:title="Login"** />  
 <**item  
 android:id="@+id/Register"  
 android:title="Register"** />  
  
</**menu**>