**package** com.example.nav;  
  
**import** android.os.Bundle;  
**import** android.view.MenuItem;  
**import** android.widget.Toast;  
**import** androidx.annotation.NonNull;  
**import** androidx.annotation.NonNull;  
**import** androidx.appcompat.widget.Toolbar;  
  
**import** androidx.appcompat.app.ActionBarDrawerToggle;  
**import** androidx.appcompat.app.AppCompatActivity;  
**import** androidx.core.view.GravityCompat;  
**import** androidx.drawerlayout.widget.DrawerLayout;  
  
**import** com.google.android.material.navigation.NavigationView;  
  
**public class** MainActivity **extends** AppCompatActivity **implements** NavigationView.OnNavigationItemSelectedListener {  
 **private** DrawerLayout **drawer**;  
 **private** Toolbar **toolbar**;  
  
 @Override  
 **protected void** onCreate(Bundle savedInstanceState) {  
 **super**.onCreate(savedInstanceState);  
 setContentView(R.layout.***activity\_main***);  
  
 NavigationView navigationView = findViewById(R.id.***nav\_view***);  
 navigationView.setNavigationItemSelectedListener(**this**);  
  
 Toolbar toolbar = findViewById(R.id.***toolbar***);  
 setSupportActionBar(toolbar);  
 **drawer** = findViewById(R.id.***drawer\_layout***);  
 ActionBarDrawerToggle toggle = **new** ActionBarDrawerToggle(**this**, **drawer**, toolbar,  
 R.string.***navigation\_drawer\_open***, R.string.***navigation\_drawer\_close***);  
 **drawer**.addDrawerListener(toggle);  
 toggle.syncState();  
  
 **if** (savedInstanceState == **null**) {  
 getSupportFragmentManager().beginTransaction().replace(R.id.***fragment\_container***,  
 **new** MessageFragment()).commit();  
 navigationView.setCheckedItem(R.id.***nav\_message***);  
 }  
 }  
  
 @Override  
 **public boolean** onNavigationItemSelected(@NonNull MenuItem item) {  
  
 **switch** (item.getItemId()) {  
 **case** R.id.***nav\_message***:  
 getSupportFragmentManager().beginTransaction().replace(R.id.***fragment\_container***,  
 **new** MessageFragment()).commit();  
 **break**;  
 **case** R.id.***nav\_chat***:  
 getSupportFragmentManager().beginTransaction().replace(R.id.***fragment\_container***,  
 **new** ChatFragment()).commit();  
 **break**;  
 **case** R.id.***nav\_profile***:  
 getSupportFragmentManager().beginTransaction().replace(R.id.***fragment\_container***,  
 **new** ProfileFragment()).commit();  
 **break**;  
 **case** R.id.***nav\_share***:  
 Toast.*makeText*(**this**, **"Share"**, Toast.***LENGTH\_SHORT***).show();  
 **break**;  
 **case** R.id.***nav\_send***:  
 Toast.*makeText*(**this**, **"Send"**, Toast.***LENGTH\_SHORT***).show();  
 **break**;  
 }  
 **drawer**.closeDrawer(GravityCompat.***START***);  
 **return true**;  
 }  
 @Override  
 **public void** onBackPressed() {  
 **if** (**drawer**.isDrawerOpen(GravityCompat.***START***)) {  
 **drawer**.closeDrawer(GravityCompat.***START***);  
 } **else** {  
 **super**.onBackPressed();  
 }  
 }  
}