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| --- | --- |
| AndroidManifest.xml  <?xml version="1.0" encoding="utf-8"?> <manifest xmlns:android="http://schemas.android.com/apk/res/android"  package="com.example.newnavigationdrawer">   <application  android:allowBackup="true"  android:icon="@mipmap/ic\_launcher"  android:label="@string/app\_name"  android:roundIcon="@mipmap/ic\_launcher\_round"  android:supportsRtl="true"  android:theme="@style/Theme.NewNavigationDrawer">  <activity  android:name=".MainActivity"  android:exported="true"  android:label="@string/app\_name"  android:theme="@style/Theme.NewNavigationDrawer.NoActionBar">  <intent-filter>  <action android:name="android.intent.action.MAIN" />   <category android:name="android.intent.category.LAUNCHER" />  </intent-filter>  </activity>  </application>  </manifest>  activity\_main\_drawer.xml  <?xml version="1.0" encoding="utf-8"?> <menu xmlns:android="http://schemas.android.com/apk/res/android"  xmlns:tools="http://schemas.android.com/tools"  tools:showIn="navigation\_view">   <group android:checkableBehavior="single">  <item  android:id="@+id/nav\_home"  android:icon="@drawable/ic\_menu\_camera"  android:title="@string/menu\_home" />  <item  android:id="@+id/nav\_gallery"  android:icon="@drawable/ic\_menu\_gallery"  android:title="@string/menu\_gallery" />  <item  android:id="@+id/nav\_slideshow"  android:icon="@drawable/ic\_menu\_slideshow"  android:title="@string/menu\_slideshow" />  <item  android:id="@+id/nav\_dept"  android:icon="@drawable/ic\_dept"  android:title="Department" />  <item  android:id="@+id/nav\_contUs"  android:icon="@drawable/ic\_contact"  android:title="Contact Us" />  <item  android:id="@+id/nav\_aboutUs"  android:icon="@drawable/ic\_about"  android:title="About Us" />  </group> </menu>  fragment\_about.xml  <?xml version="1.0" encoding="utf-8"?> <FrameLayout xmlns:android="http://schemas.android.com/apk/res/android"  xmlns:tools="http://schemas.android.com/tools"  android:layout\_width="match\_parent"  android:layout\_height="match\_parent"  tools:context=".About">   <TextView  android:id="@+id/textView2"  android:layout\_width="match\_parent"  android:layout\_height="wrap\_content"  android:text="This is About Us Fragment"  android:textAlignment="center" /> </FrameLayout>  fragment\_contact.xml  <?xml version="1.0" encoding="utf-8"?> <FrameLayout xmlns:android="http://schemas.android.com/apk/res/android"  xmlns:tools="http://schemas.android.com/tools"  android:layout\_width="match\_parent"  android:layout\_height="match\_parent"  tools:context=".Contact">   <!-- *TODO: Update blank fragment layout* -->  <TextView  android:layout\_width="match\_parent"  android:layout\_height="match\_parent"  android:text="This is Contact Us Fragment" />  </FrameLayout>  fragment\_department.xml  <?xml version="1.0" encoding="utf-8"?> <FrameLayout xmlns:android="http://schemas.android.com/apk/res/android"  xmlns:tools="http://schemas.android.com/tools"  android:layout\_width="match\_parent"  android:layout\_height="match\_parent"  tools:context=".Department">   <!-- *TODO: Update blank fragment layout* -->  <TextView  android:layout\_width="match\_parent"  android:layout\_height="match\_parent"  android:text="This is Department Fragment" />  </FrameLayout>  nav\_header\_main.xml  <?xml version="1.0" encoding="utf-8"?> <LinearLayout xmlns:android="http://schemas.android.com/apk/res/android"  xmlns:app="http://schemas.android.com/apk/res-auto"  android:layout\_width="match\_parent"  android:layout\_height="@dimen/nav\_header\_height"  android:background="@android:color/holo\_purple"  android:gravity="bottom"  android:orientation="vertical"  android:paddingLeft="@dimen/activity\_horizontal\_margin"  android:paddingTop="@dimen/activity\_vertical\_margin"  android:paddingRight="@dimen/activity\_horizontal\_margin"  android:paddingBottom="@dimen/activity\_vertical\_margin"  android:theme="@style/ThemeOverlay.AppCompat.Dark">   <ImageView  android:id="@+id/imageView"  android:layout\_width="77dp"  android:layout\_height="87dp"  android:contentDescription="@string/nav\_header\_desc"  android:paddingTop="@dimen/nav\_header\_vertical\_spacing"  app:srcCompat="@drawable/ic\_about" />   <TextView  android:layout\_width="wrap\_content"  android:layout\_height="wrap\_content"  android:paddingTop="@dimen/nav\_header\_vertical\_spacing"  android:text="Hello User!"  android:textAppearance="@style/TextAppearance.AppCompat.Body1" />   <TextView  android:id="@+id/textView"  android:layout\_width="wrap\_content"  android:layout\_height="wrap\_content"  android:text="user@android.com" /> </LinearLayout> | strings.xml  <resources>  <string name="app\_name">NewNavigationDrawer</string>  <string name="navigation\_drawer\_open">Open navigation drawer</string>  <string name="navigation\_drawer\_close">Close navigation drawer</string>  <string name="nav\_header\_title">Android Studio</string>  <string name="nav\_header\_subtitle">android.studio@android.com</string>  <string name="nav\_header\_desc">Navigation header</string>  <string name="action\_settings">Settings</string>   <string name="menu\_home">Home</string>  <string name="menu\_gallery">Gallery</string>  <string name="menu\_slideshow">Slideshow</string>  <!-- *TODO: Remove or change this placeholder text* -->  <string name="hello\_blank\_fragment">Hello blank fragment</string> </resources>  mobile\_navigation.xml  <?xml version="1.0" encoding="utf-8"?> <navigation 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:id="@+id/mobile\_navigation"  app:startDestination="@+id/nav\_home">   <fragment  android:id="@+id/nav\_home"  android:name="com.example.newnavigationdrawer.ui.home.HomeFragment"  android:label="@string/menu\_home"  tools:layout="@layout/fragment\_home" />   <fragment  android:id="@+id/nav\_gallery"  android:name="com.example.newnavigationdrawer.ui.gallery.GalleryFragment"  android:label="@string/menu\_gallery"  tools:layout="@layout/fragment\_gallery" />   <fragment  android:id="@+id/nav\_slideshow"  android:name="com.example.newnavigationdrawer.ui.slideshow.SlideshowFragment"  android:label="@string/menu\_slideshow"  tools:layout="@layout/fragment\_slideshow" />  <fragment  android:id="@+id/nav\_aboutUs"  android:name="com.example.newnavigationdrawer.About"  android:label="About Us"  tools:layout="@layout/fragment\_about" />  <fragment  android:id="@+id/nav\_contUs"  android:name="com.example.newnavigationdrawer.Contact"  android:label="Contact Us"  tools:layout="@layout/fragment\_contact" />  <fragment  android:id="@+id/nav\_dept"  android:name="com.example.newnavigationdrawer.Department"  android:label="Department"  tools:layout="@layout/fragment\_department" /> </navigation>  MainActivity.java  package com.example.newnavigationdrawer;  import android.os.Bundle; import android.view.View; import android.view.Menu;  import com.google.android.material.snackbar.Snackbar; import com.google.android.material.navigation.NavigationView;  import androidx.navigation.NavController; import androidx.navigation.Navigation; import androidx.navigation.ui.AppBarConfiguration; import androidx.navigation.ui.NavigationUI; import androidx.drawerlayout.widget.DrawerLayout; import androidx.appcompat.app.AppCompatActivity;  import com.example.newnavigationdrawer.databinding.ActivityMainBinding;  public class MainActivity extends AppCompatActivity {   private AppBarConfiguration mAppBarConfiguration;  private ActivityMainBinding binding;   @Override  protected void onCreate(Bundle savedInstanceState) {  super.onCreate(savedInstanceState);   binding = ActivityMainBinding.*inflate*(getLayoutInflater());  setContentView(binding.getRoot());   setSupportActionBar(binding.appBarMain.toolbar);  binding.appBarMain.fab.setOnClickListener(new View.OnClickListener() {  @Override  public void onClick(View view) {  Snackbar.*make*(view, "Replace with your own action", Snackbar.*LENGTH\_LONG*)  .setAction("Action", null).show();  }  });  DrawerLayout drawer = binding.drawerLayout;  NavigationView navigationView = binding.navView;  // Passing each menu ID as a set of Ids because each  // menu should be considered as top level destinations.  mAppBarConfiguration = new AppBarConfiguration.Builder(  R.id.*nav\_home*, R.id.*nav\_gallery*, R.id.*nav\_slideshow*,R.id.*nav\_aboutUs*,R.id.*nav\_contUs*,R.id.*nav\_dept*)  .setOpenableLayout(drawer)  .build();  NavController navController = Navigation.*findNavController*(this, R.id.*nav\_host\_fragment\_content\_main*);  NavigationUI.*setupActionBarWithNavController*(this, navController, mAppBarConfiguration);  NavigationUI.*setupWithNavController*(navigationView, navController);  }   @Override  public boolean onCreateOptionsMenu(Menu menu) {  // Inflate the menu; this adds items to the action bar if it is present.  getMenuInflater().inflate(R.menu.*main*, menu);  return true;  }   @Override  public boolean onSupportNavigateUp() {  NavController navController = Navigation.*findNavController*(this, R.id.*nav\_host\_fragment\_content\_main*);  return NavigationUI.*navigateUp*(navController, mAppBarConfiguration)  || super.onSupportNavigateUp();  } }  fragment\_home.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=".ui.home.HomeFragment">   <TextView  android:id="@+id/text\_home"  android:layout\_width="match\_parent"  android:layout\_height="wrap\_content"  android:layout\_marginStart="8dp"  android:layout\_marginTop="8dp"  android:layout\_marginEnd="8dp"  android:textAlignment="center"  android:textSize="20sp"  app:layout\_constraintBottom\_toBottomOf="parent"  app:layout\_constraintEnd\_toEndOf="parent"  app:layout\_constraintStart\_toStartOf="parent"  app:layout\_constraintTop\_toTopOf="parent" /> </androidx.constraintlayout.widget.ConstraintLayout> |

Output

