**in grades set implementation 'com.android.support:design:28.0.0'**

**Create in main xml:**

<android.support.v4.view.ViewPager  
 android:layout\_width="match\_parent"  
 android:layout\_height="match\_parent"  
 android:id="@+id/pager">  
</android.support.v4.view.ViewPager>

Then create example of fragment with personal xml

In class file create examples of all parts of layout and set them, then set them their parameters by:

textView.setText(getArguments().getString("mes"));

Then create adapter:

Extend class from FragmentStatePagerAdapter if it has lots of fragments or unlimited number of them FragmentPagerAdapter – if there are small number of fragments

public FragmentAdapter(FragmentManager fm) { - default constructor   
 super(fm);  
}  
  
@Override  
public Fragment getItem(int i) { - iterator of fagments  
 BlankFragment fragment = new BlankFragment();

Bundle bundle = new Bundle();  
 bundle.putString("mes", "activity: "+ (++i));  
 fragment.setArguments(bundle); - setting parameters, which were used in previous part

return fragment;  
}  
  
@Override  
public int getCount() {  
 return 100; - number of fragments   
}

Then in main

ViewPager viewPager = findViewById(R.id.pager); - get pager in main  
FragmentAdapter fragmentAdapter = new FragmentAdapter(getSupportFragmentManager()); (FragmentAdapter – example of class Adapter from previous part)  
viewPager.setAdapter(fragmentAdapter); - set this swipe view

Add slider at top menu bar:

Delete old toolbar and set new and in grades set implementation 'com.android.support:design:28.0.0':

Create toolbar xml and in file styles exchange action bar on NoActionBar, in xml of toolbar:

<android.support.v7.widget.Toolbar xmlns:android="http://schemas.android.com/apk/res/android"  
 xmlns:app="http://schemas.android.com/apk/res-auto"  
  
 android:layout\_width="match\_parent" – or 0 to hide old header  
 android:layout\_height="0dp"  
 android:background="#fff000"  
 android:theme="@style/ThemeOverlay.AppCompat.Light"  
 app:popupTheme="@style/ThemeOverlay.AppCompat.Dark"  
 android:id="@+id/toolBar" />

Then in main xml include this toolbar and add tabLayout:

<android.support.design.widget.TabLayout  
 android:layout\_width="match\_parent"  
 android:layout\_height="wrap\_content"  
 android:id="@+id/tabs"  
 android:background="@color/design\_default\_color\_primary\_dark"  
 android:elevation="4dp" – make cursor better   
 android:minHeight="?attr/actionBarSize"  
 app:tabMode="fixed"  
 app:tabGravity="fill"  
 app:tabTextColor="#fff"  
 app:tabSelectedTextColor="#000000"  
 />

Then override in Adapter one more method:

@Nullable  
@Override  
public CharSequence getPageTitle(int position) {  
 return "fragment: " + (++position);  
}

Then in main at oncreate method add to the end::

Toolbar toolbar = findViewById(R.id.toolBar);  
setSupportActionBar(toolbar);  
TabLayout tabLayout = findViewById(R.id.tabs);  
tabLayout.setupWithViewPager(viewPager);

To add menu like in telegram:

Delete old toolbar and set new and in grades set implementation 'com.android.support:design:28.0.0':

Then main layout change into <android.support.v4.widget.DrawerLayout> and after all text set in the end:

<LinearLayout>

<android.support.design.widget.NavigationView  
 android:layout\_width="wrap\_content"  
 android:layout\_height="match\_parent"  
 android:id="@+id/navigation"  
 android:layout\_gravity="start"

app:menu="@menu/drawer\_menu"

app:headerLayout="@layout/header\_bar" – create and add xml file with title like in telegram

/>

Can also add other parameters here for them no not be separated

</LinearLayout>

Add buttons

Create menu in another folder with type Menu and set all like in example, then add it to the Navigation menu in xml:

app:menu="@menu/drawer\_menu"

app:headerLayout="@layout/header\_bar" – create and add xml file with title like in telegram

Set actions

final NavigationView navigationView = findViewById(R.id.navigation);  
final DrawerLayout drawerLayout = findViewById(R.id.draw);

navigationView.setNavigationItemSelectedListener(new NavigationView.OnNavigationItemSelectedListener() {  
 @Override  
 public boolean onNavigationItemSelected(@NonNull MenuItem menuItem) {  
 switch (menuItem.getItemId()){  
 case R.id.ffffff:  
 drawerLayout.closeDrawer(navigationView); - close bar

drawerLayout.openDrawer(GravityCompat.START); - open bar

return true;  
 }  
 return false;  
 }  
});