Step 1: add this code in main\_activity.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"  
 *xmlns:tools*="http://schemas.android.com/tools"  
 *android:layout\_width*="match\_parent"  
 *android:layout\_height*="match\_parent"  
 *android:orientation*="vertical"  
 *tools:context*=".MainActivity">  
  
 <com.google.android.material.tabs.TabLayout  
 *android:layout\_width*="match\_parent"  
 *android:layout\_height*="wrap\_content"  
 *android:id*="@+id/tablay1"  
 *android:background*="#4200D8"  
 *app:tabTextColor*="@color/black"  
 *app:tabSelectedTextColor*="#FFFFFF"  
 *app:tabIndicator*="@color/black">  
 <com.google.android.material.tabs.TabItem  
 *android:layout\_width*="wrap\_content"  
 *android:layout\_height*="wrap\_content"  
 *android:id*="@id/tab1"  
 *android:text*="@string/chats">  
  
 </com.google.android.material.tabs.TabItem>  
 <com.google.android.material.tabs.TabItem  
 *android:layout\_width*="wrap\_content"  
 *android:layout\_height*="wrap\_content"  
 *android:id*="@id/tab2"  
 *android:text*="@string/status">  
  
 </com.google.android.material.tabs.TabItem>  
 <com.google.android.material.tabs.TabItem  
 *android:layout\_width*="wrap\_content"  
 *android:layout\_height*="wrap\_content"  
 *android:id*="@id/tab3"  
 *android:text*="@string/calls">  
  
 </com.google.android.material.tabs.TabItem>  
  
 </com.google.android.material.tabs.TabLayout>  
 <androidx.viewpager.widget.ViewPager  
 *android:layout\_width*="match\_parent"  
 *android:layout\_height*="match\_parent"  
 *android:id*="@+id/vpager"  
 />  
</LinearLayout>

Step 2: add this code in main\_activity.java

*package* com.example.pexam7;  
  
*import* androidx.appcompat.app.AppCompatActivity;  
*import* androidx.viewpager.widget.PagerAdapter;  
*import* androidx.viewpager.widget.ViewPager;  
  
*import* android.os.Bundle;  
  
*import* com.google.android.material.tabs.TabItem;  
*import* com.google.android.material.tabs.TabLayout;  
  
*public class* MainActivity *extends* AppCompatActivity {  
 TabLayout tabLayout;  
 TabItem tabItem1,tabItem2,tabItem3;  
 ViewPager viewpager;  
 pageAdapter pageAdapter;  
 @Override  
 *protected void* onCreate(Bundle savedInstanceState) {  
 *super*.onCreate(savedInstanceState);  
 setContentView(R.layout.*activity\_main*);  
  
 tabLayout=(TabLayout)findViewById(R.id.*tablay1*);  
 tabItem1=(TabItem) findViewById(R.id.*tab1*);  
 tabItem2=(TabItem) findViewById(R.id.*tab2*);  
 tabItem3=(TabItem) findViewById(R.id.*tab3*);  
 viewpager =(ViewPager) findViewById(R.id.*vpager*);  
 pageAdapter= *new* pageAdapter(getSupportFragmentManager(),tabLayout.getTabCount());  
 viewpager.setAdapter(pageAdapter);  
  
 tabLayout.setOnTabSelectedListener(*new* TabLayout.OnTabSelectedListener() {  
 @Override  
 *public void* onTabSelected(TabLayout.Tab tab) {  
 viewpager.setCurrentItem(tab.getPosition());  
 *if*(tab.getPosition()==0||tab.getPosition()==1||tab.getPosition()==2)  
 pageAdapter.notifyDataSetChanged();  
 }  
 @Override  
 *public void* onTabUnselected(TabLayout.Tab tab) {  
 }  
  
 @Override  
 *public void* onTabReselected(TabLayout.Tab tab) {  
 }  
 });  
 }  
}

Step 3: create new java class in pacakge below activity main

*package* com.example.pexam7;  
  
*import* androidx.annotation.NonNull;  
*import* androidx.fragment.app.Fragment;  
*import* androidx.fragment.app.FragmentManager;  
*import* androidx.fragment.app.FragmentPagerAdapter;  
  
*public class* pageAdapter *extends* FragmentPagerAdapter {  
 *int* tabcounnt;  
 *public* pageAdapter(@NonNull FragmentManager fm, *int* behavior) {  
 *super*(fm, behavior);  
 tabcounnt=behavior;  
 }  
  
 @NonNull  
 @Override  
 *public* Fragment getItem(*int* position) {  
 *switch* (position){  
 *case* 0:*return new* ftab1();  
 *case* 1:*return new* ftab2();  
 *case* 2:*return new* ftab3();  
 *default*:*return null*;  
 }  
 }  
  
 @Override  
 *public int* getCount() {  
 *return* tabcounnt;  
 }  
}

Step 4: create 3 new blank fragment and add code in xml

Fag1

<?*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*=".ftab1">  
 <TextView  
 *android:id*="@+id/textView"  
 *android:layout\_width*="match\_parent"  
 *android:layout\_height*="match\_parent"  
 *android:gravity*="center"  
 *android:textSize*="35dp"  
 *android:textColor*="#FF3700B3"  
 *android:text*="@string/chats" />  
</FrameLayout>

Fag 2

<?*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*=".ftab2">  
 <TextView  
 *android:layout\_width*="match\_parent"  
 *android:layout\_height*="match\_parent"  
 *android:gravity*="center"  
 *android:textSize*="35sp"  
 *android:textColor*="#FF3700B3"  
 *android:text*="@string/status" />  
</FrameLayout>

Fag 3

<?*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*=".ftab3">  
 <TextView  
 *android:layout\_width*="match\_parent"  
 *android:layout\_height*="match\_parent"  
 *android:gravity*="center"  
 *android:textSize*="35dp"  
 *android:textColor*="#FF3700B3"  
 *android:text*="@string/calls" />  
</FrameLayout>

Step 5: Done