MainActivity

package com.example.fragment  
  
import androidx.appcompat.app.AppCompatActivity  
import android.os.Bundle  
import androidx.fragment.app.Fragment  
import com.google.android.material.bottomnavigation.BottomNavigationView  
  
class MainActivity : AppCompatActivity() {  
 val autoFragment=autoFragment()  
 val avionFragment=avionFragment()  
 val trenFragment=trenFragment()  
 override fun onCreate(savedInstanceState: Bundle?) {  
 super.onCreate(savedInstanceState)  
 setContentView(R.layout.*activity\_main*)  
 val bottom\_navigation=findViewById<BottomNavigationView>(R.id.*bottom\_navigation*)  
 reemplazar(autoFragment)  
 bottom\_navigation.setOnItemSelectedListener **{**  
when(**it**.*itemId*){  
 R.id.*auto* ->reemplazar(autoFragment)  
 R.id.*avion* ->reemplazar(avionFragment)  
 R.id.*tren* ->reemplazar(trenFragment)  
 };  
 true  
 **}**  
}  
  
 fun reemplazar(fragment:Fragment){  
 if (fragment!=null){  
 val transaction=*supportFragmentManager*.beginTransaction()  
 transaction.replace(R.id.*fragment\_container*,fragment)  
 transaction.commit()  
 }  
 }  
}

fragmentos

package com.example.fragment  
  
import android.os.Bundle  
import androidx.fragment.app.Fragment  
import android.view.LayoutInflater  
import android.view.View  
import android.view.ViewGroup  
import kotlinx.android.synthetic.main.\*  
import kotlinx.android.synthetic.main.activity\_main.\*  
  
// *TODO: Rename parameter arguments, choose names that match*  
// the fragment initialization parameters, e.g. ARG\_ITEM\_NUMBER  
private const val *ARG\_PARAM1* = "param1"  
private const val *ARG\_PARAM2* = "param2"  
  
*/\*\**  
 *\* A simple [Fragment] subclass.*  
 *\* Use the [autoFragment.newInstance] factory method to*  
 *\* create an instance of this fragment.*  
 *\*/*  
class autoFragment : Fragment() {  
 // *TODO: Rename and change types of parameters*  
private var param1: String? = null  
 private var param2: String? = null  
  
 override fun onCreate(savedInstanceState: Bundle?) {  
 super.onCreate(savedInstanceState)  
 *arguments*?.let **{**  
param1 = it.getString(*ARG\_PARAM1*)  
 param2 = it.getString(*ARG\_PARAM2*)  
 **}**  
}  
  
 override fun onCreateView(inflater: LayoutInflater, container: ViewGroup?,  
 savedInstanceState: Bundle?): View? {  
 // Inflate the layout for this fragment  
 return inflater.inflate(R.layout.*fragment\_auto*, container, false)  
 }  
  
 companion object {  
 */\*\**  
 *\* Use this factory method to create a new instance of*  
 *\* this fragment using the provided parameters.*  
 *\**  
 *\** ***@param*** *param1 Parameter 1.*  
 *\** ***@param*** *param2 Parameter 2.*  
 *\** ***@return*** *A new instance of fragment autoFragment.*  
 *\*/*  
// *TODO: Rename and change types and number of parameters*  
@JvmStatic  
 fun newInstance(param1: String, param2: String) =  
 autoFragment().apply **{**  
arguments = Bundle().apply **{**  
putString(*ARG\_PARAM1*, param1)  
 putString(*ARG\_PARAM2*, param2)  
 **}**  
 **}**  
}  
}

package com.example.fragment;  
  
import android.os.Bundle;  
  
import androidx.fragment.app.Fragment;  
  
import android.view.LayoutInflater;  
import android.view.View;  
import android.view.ViewGroup;  
  
*/\*\**  
 *\* A simple {****@link*** *Fragment} subclass.*  
 *\* Use the {****@link*** *avionFragment#newInstance} factory method to*  
 *\* create an instance of this fragment.*  
 *\*/*  
public class avionFragment extends Fragment {  
  
 // *TODO: Rename parameter arguments, choose names that match*  
// the fragment initialization parameters, e.g. ARG\_ITEM\_NUMBER  
 private static final String *ARG\_PARAM1* = "param1";  
 private static final String *ARG\_PARAM2* = "param2";  
  
 // *TODO: Rename and change types of parameters*  
private String mParam1;  
 private String mParam2;  
  
 public avionFragment() {  
 // Required empty public constructor  
 }  
  
 */\*\**  
 *\* Use this factory method to create a new instance of*  
 *\* this fragment using the provided parameters.*  
 *\**  
 *\** ***@param*** *param1 Parameter 1.*  
 *\** ***@param*** *param2 Parameter 2.*  
 *\** ***@return*** *A new instance of fragment avionFragment.*  
 *\*/*  
// *TODO: Rename and change types and number of parameters*  
public static avionFragment newInstance(String param1, String param2) {  
 avionFragment fragment = new avionFragment();  
 Bundle args = new Bundle();  
 args.putString(*ARG\_PARAM1*, param1);  
 args.putString(*ARG\_PARAM2*, param2);  
 fragment.setArguments(args);  
 return fragment;  
 }  
  
 @Override  
 public void onCreate(Bundle savedInstanceState) {  
 super.onCreate(savedInstanceState);  
 if (getArguments() != null) {  
 mParam1 = getArguments().getString(*ARG\_PARAM1*);  
 mParam2 = getArguments().getString(*ARG\_PARAM2*);  
 }  
 }  
  
 @Override  
 public View onCreateView(LayoutInflater inflater, ViewGroup container,  
 Bundle savedInstanceState) {  
 // Inflate the layout for this fragment  
 return inflater.inflate(R.layout.*fragment\_avion*, container, false);  
 }  
}

package com.example.fragment;  
  
import android.os.Bundle;  
  
import androidx.fragment.app.Fragment;  
  
import android.view.LayoutInflater;  
import android.view.View;  
import android.view.ViewGroup;  
  
*/\*\**  
 *\* A simple {****@link*** *Fragment} subclass.*  
 *\* Use the {****@link*** *trenFragment#newInstance} factory method to*  
 *\* create an instance of this fragment.*  
 *\*/*  
public class trenFragment extends Fragment {  
  
 // *TODO: Rename parameter arguments, choose names that match*  
// the fragment initialization parameters, e.g. ARG\_ITEM\_NUMBER  
 private static final String *ARG\_PARAM1* = "param1";  
 private static final String *ARG\_PARAM2* = "param2";  
  
 // *TODO: Rename and change types of parameters*  
private String mParam1;  
 private String mParam2;  
  
 public trenFragment() {  
 // Required empty public constructor  
 }  
  
 */\*\**  
 *\* Use this factory method to create a new instance of*  
 *\* this fragment using the provided parameters.*  
 *\**  
 *\** ***@param*** *param1 Parameter 1.*  
 *\** ***@param*** *param2 Parameter 2.*  
 *\** ***@return*** *A new instance of fragment trenFragment.*  
 *\*/*  
// *TODO: Rename and change types and number of parameters*  
public static trenFragment newInstance(String param1, String param2) {  
 trenFragment fragment = new trenFragment();  
 Bundle args = new Bundle();  
 args.putString(*ARG\_PARAM1*, param1);  
 args.putString(*ARG\_PARAM2*, param2);  
 fragment.setArguments(args);  
 return fragment;  
 }  
  
 @Override  
 public void onCreate(Bundle savedInstanceState) {  
 super.onCreate(savedInstanceState);  
 if (getArguments() != null) {  
 mParam1 = getArguments().getString(*ARG\_PARAM1*);  
 mParam2 = getArguments().getString(*ARG\_PARAM2*);  
 }  
 }  
  
 @Override  
 public View onCreateView(LayoutInflater inflater, ViewGroup container,  
 Bundle savedInstanceState) {  
 // Inflate the layout for this fragment  
 return inflater.inflate(R.layout.*fragment\_tren*, container, false);  
 }  
}