Q Fragment

#FirstFragment.java

import android.os.Bundle;

import android.view.LayoutInflater;

import android.view.View;

import android.view.ViewGroup;

import androidx.annotation.NonNull;

import androidx.annotation.Nullable;

import androidx.fragment.app.Fragment;

import com.abhishek.fragmentactivity.R;

public class FirstFragment extends Fragment {

    @Nullable @Override

public View onCreateView(@NonNull LayoutInflater inflater, @Nullable ViewGroup container, @Nullable Bundle savedInstanceState) {

    //return super.onCreateView(inflater, container, savedInstanceState);

    return inflater.inflate(R.layout.first\_fragment,container,false);

    }

}

#SecondFragment.java

import android.os.Bundle;

import android.view.LayoutInflater;

import android.view.View;

import android.view.ViewGroup;

import androidx.annotation.NonNull;

import androidx.annotation.Nullable;

import androidx.fragment.app.Fragment;

import com.abhishek.fragmentactivity.R;

public class SecondFragment extends Fragment {

    @Nullable @Override

public View onCreateView(@NonNull LayoutInflater inflater, @Nullable ViewGroup container, @Nullable Bundle savedInstanceState) {

//return super.onCreateView(inflater, container, savedInstanceState);

    return inflater.inflate(R.layout.second\_fragment,container,false);

}

}

#MainActivity.java

import androidx.appcompat.app.AppCompatActivity;

import android.content.Context;

import android.graphics.Color;

import android.net.wifi.WifiManager;

import android.os.Bundle;

import android.widget.ArrayAdapter;

import android.widget.AutoCompleteTextView;

import android.widget.CompoundButton;

import android.widget.TextView;

import android.widget.ToggleButton;

import androidx.fragment.app.Fragment;

 import android.view.View;

public class MainActivity extends AppCompatActivity {

    Fragment selectedFragment;

    @Override

protected void onCreate(Bundle savedInstanceState) {

        super.onCreate(savedInstanceState);

        setContentView(R.layout.activity\_main);

}

    public void selectFragment(View view) {

        if (view == findViewById(R.id.button1)) {

        selectedFragment = new FirstFragment();

    } else if (view == findViewById(R.id.button2)) {

            selectedFragment = new SecondFragment();

    }

        getSupportFragmentManager().beginTransaction().replace(R.id.fragment\_container, selectedFragment).commit();

    }

}

#firstFragment.xml

<?xml version="1.0" encoding="utf-8"?>

<androidx.constraintlayout.widget.ConstraintLayout

    xmlns:android="http://schemas.android.com/apk/res/android"

    android:layout\_width="match\_parent"

    android:layout\_height="match\_parent"

    xmlns:app="http://schemas.android.com/apk/res-auto">

    <TextView

        android:id="@+id/first"

        android:layout\_width="match\_parent"

        android:layout\_height="wrap\_content"

        android:text="Hello, First Fragment "

        android:textSize="30sp"

        android:gravity="center"

        app:layout\_constraintBottom\_toBottomOf="parent"

        app:layout\_constraintEnd\_toEndOf="parent"

        app:layout\_constraintHorizontal\_bias="0.5"

        app:layout\_constraintStart\_toStartOf="parent"

        app:layout\_constraintTop\_toTopOf="parent" />

</androidx.constraintlayout.widget.ConstraintLayout>

#SecondFragment.xml

<?xml version="1.0" encoding="utf-8"?>

<androidx.constraintlayout.widget.ConstraintLayout

    xmlns:android="http://schemas.android.com/apk/res/android"

    android:layout\_width="match\_parent"

    android:layout\_height="match\_parent"

    xmlns:app="http://schemas.android.com/apk/res-auto">

    <TextView

        android:id="@+id/first"

        android:layout\_width="match\_parent"

        android:layout\_height="wrap\_content"

        android:text="Hello, second Fragment"

        android:textSize="30sp"

        android:gravity="center"

        app:layout\_constraintBottom\_toBottomOf="parent"

        app:layout\_constraintEnd\_toEndOf="parent"

        app:layout\_constraintHorizontal\_bias="0.5"

        app:layout\_constraintStart\_toStartOf="parent"

        app:layout\_constraintTop\_toTopOf="parent" />

</androidx.constraintlayout.widget.ConstraintLayout>

#activity\_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"

    xmlns:tools="http://schemas.android.com/tools"

    android:layout\_width="match\_parent"

    android:layout\_height="match\_parent"

    android:orientation="vertical"

    tools:context=".MainActivity">

    <!-- Heading of the activity -->

    <TextView android:id="@+id/textView"

        android:layout\_width="match\_parent"

        android:layout\_height="wrap\_content"

        android:layout\_marginTop="20dp"

        android:layout\_marginBottom="20dp"

        android:text="@string/heading"

        android:textAlignment="center"

        android:textColor="@android:color/holo\_green\_light"

        android:textSize="24sp"

        android:textStyle="bold" />

    <!-- Button to display first fragment -->

    <Button android:id="@+id/button1"

        android:layout\_width="fill\_parent"

        android:layout\_height="wrap\_content"

        android:layout\_margin="20dp"

        android:background="#4CAF50"

        android:onClick="selectFragment"

        android:text="@string/fragment1\_button"

        android:textColor="@android:color/background\_light"

        android:textSize="18sp"

        android:textStyle="bold" />

    <!-- Button to display second fragment -->

    <Button android:id="@+id/button2"

        android:layout\_width="fill\_parent"

        android:layout\_height="wrap\_content"

        android:layout\_margin="20dp"

        android:background="#4CAF50"

        android:onClick="selectFragment"

        android:text="@string/fragment2\_button"

        android:textColor="@android:color/background\_light"

        android:textSize="18sp"

        android:textStyle="bold" />

    <!-- Adding Fragment element in the activity -->

    <FrameLayout

        android:id="@+id/fragment\_container"

        android:layout\_width="match\_parent"

        android:layout\_height="match\_parent"

        />

</LinearLayout>