

**DEFENSA HITO3**

**Nombre Completo: Univ. Ricardo David La Madrid Alarcón**

**Asignatura: SISTEMAS OPERATIVOS MOVILES Y EMBEBIDOS**

**Carrera: INGENIERÍA DE SISTEMAS**

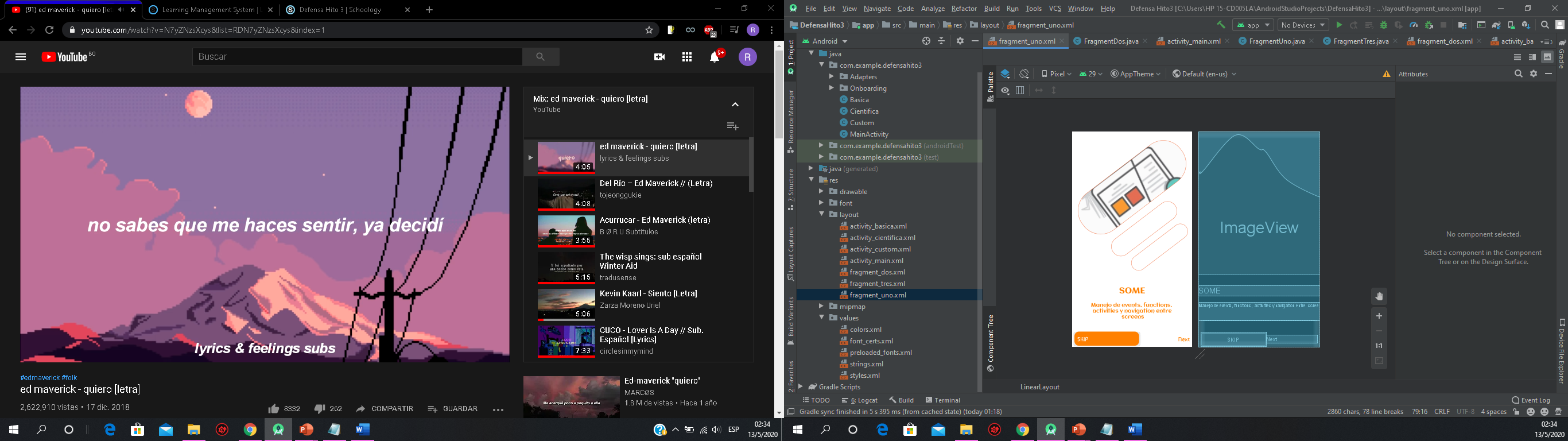
**Paralelo:**  **SOME (1)**

**Docente: Lic. William R. Barra Paredes**

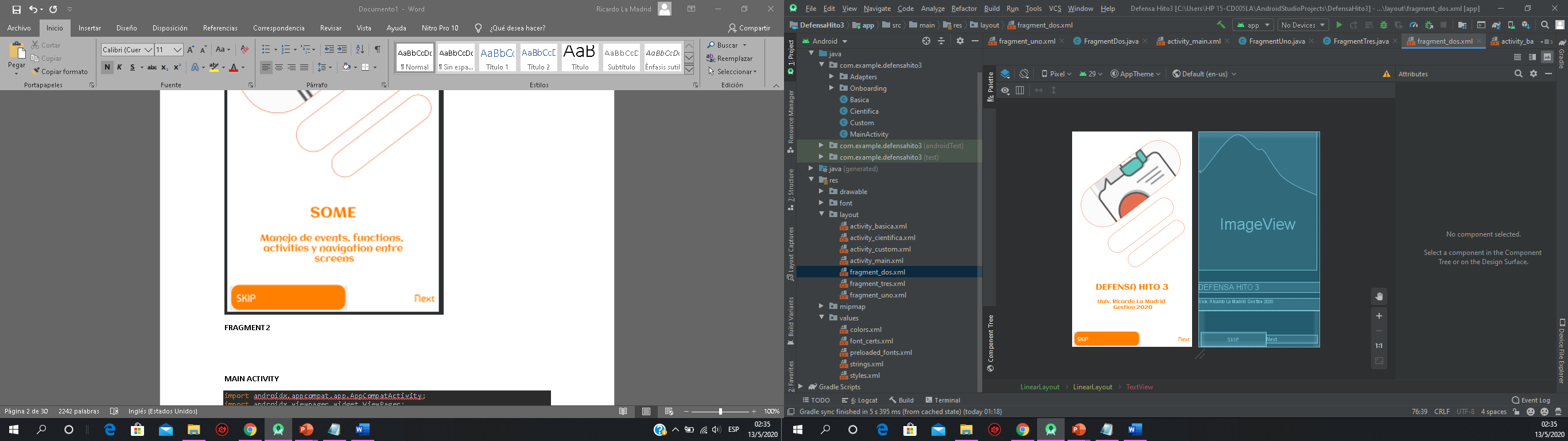
**fecha:13/05/2020**

**CAPTURAS**

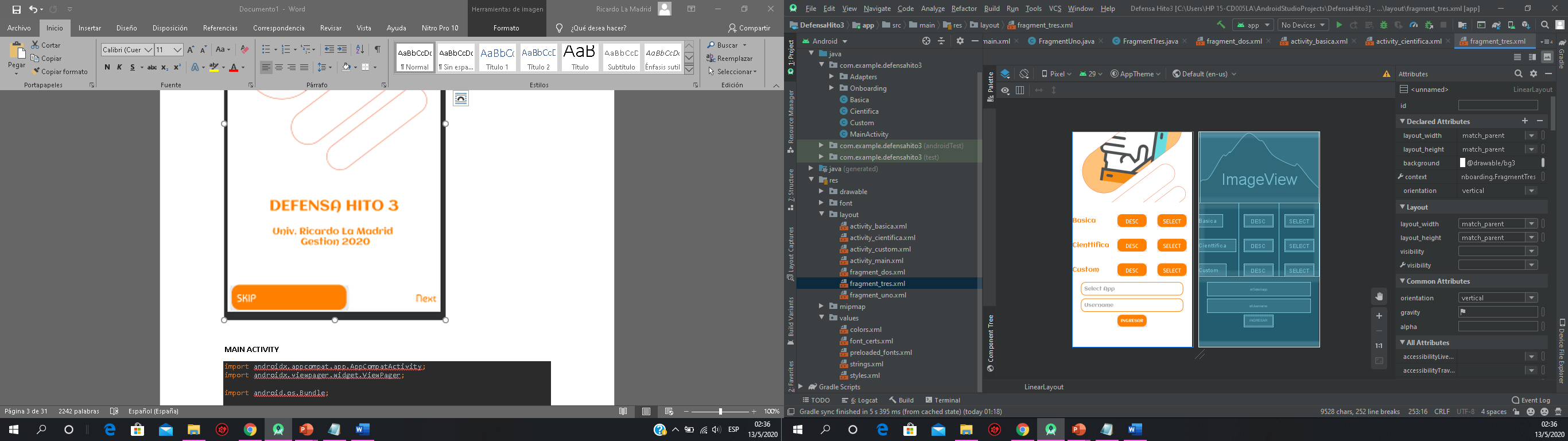
**FRAGMENT 1**



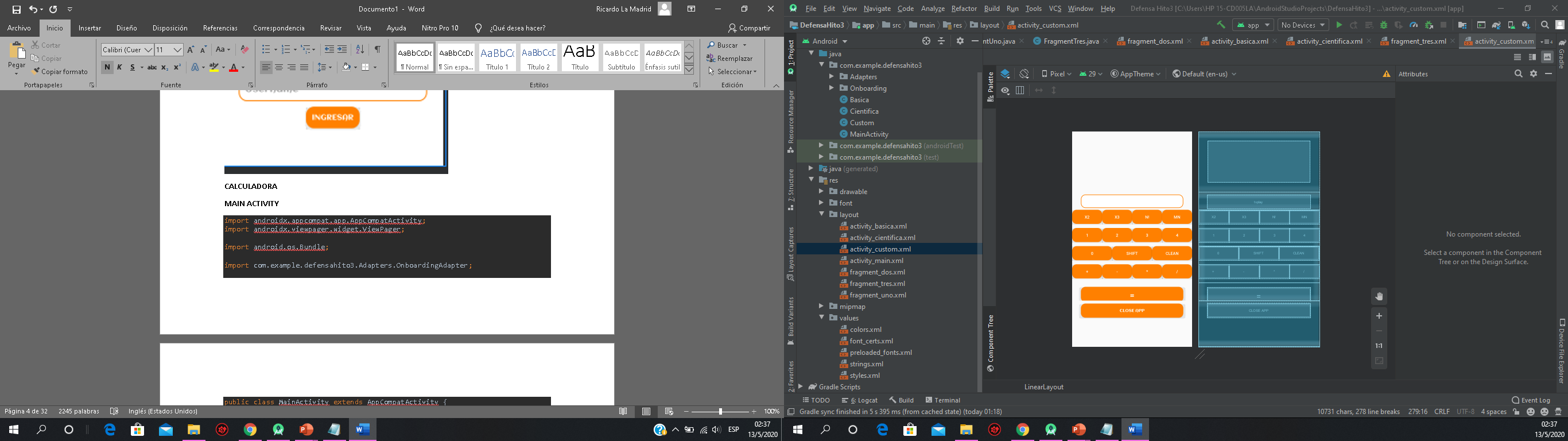
**FRAGMENT 2**



**FRAGMENT 3**



**CALCULADORA**



**MAIN ACTIVITY**

import androidx.appcompat.app.AppCompatActivity;  
import androidx.viewpager.widget.ViewPager;  
  
import android.os.Bundle;  
  
import com.example.defensahito3.Adapters.OnboardingAdapter;  
  
public class MainActivity extends AppCompatActivity {  
 private ViewPager viewPagerContainer;  
  
 @Override  
 protected void onCreate(Bundle savedInstanceState)  
 {  
 super.onCreate(savedInstanceState);  
 setContentView(R.layout.*activity\_main*);  
  
 //initializeComponents  
 \_initializeComponents();  
  
 //initializeAdapter  
 \_initializeFragmentAdapter();  
 }  
  
 public void \_initializeComponents()  
 {  
 viewPagerContainer = findViewById(R.id.*viewPagerContainer*);  
 }  
  
 public void \_initializeFragmentAdapter()  
 {  
 OnboardingAdapter adapter = new OnboardingAdapter(getSupportFragmentManager());  
 viewPagerContainer.setAdapter(adapter);  
 }  
  
}

**ACTIVITY BASICA.JAVA**

import androidx.appcompat.app.AppCompatActivity;  
  
import android.os.Bundle;  
import android.widget.TextView;  
  
public class Basica extends AppCompatActivity {  
 private TextView tvShowUsername;  
 @Override  
 protected void onCreate(Bundle savedInstanceState) {  
 super.onCreate(savedInstanceState);  
 setContentView(R.layout.*activity\_basica*);  
 initializeComponents();  
 }  
  
 private void initializeComponents()  
 {  
 tvShowUsername = findViewById(R.id.*tvShowUsername*);  
 String username = getIntent().getStringExtra("username");  
 String msg = "App: Basica \n Bienvenido: " + username;  
 tvShowUsername.setText(msg);  
 }  
}

**ACTIVITY CIENTIFICA.JAVA**

import androidx.appcompat.app.AppCompatActivity;  
  
import android.os.Bundle;  
import android.widget.TextView;  
  
public class Cientifica extends AppCompatActivity {  
  
 private TextView tvShowUsername;  
 @Override  
 protected void onCreate(Bundle savedInstanceState) {  
 super.onCreate(savedInstanceState);  
 setContentView(R.layout.*activity\_cientifica*);  
 initializeComponents();  
 }  
  
 private void initializeComponents()  
 {  
 tvShowUsername = findViewById(R.id.*tvShowUsername*);  
 String username = getIntent().getStringExtra("username");  
 String msg = "App: Cientifica \n Bienvenido: " + username;  
 tvShowUsername.setText(msg);  
 }  
}

**ACTIVITY CUSTOM.JAVA**

import androidx.appcompat.app.AppCompatActivity;  
  
import android.os.Bundle;  
import android.view.View;  
import android.widget.Button;  
import android.widget.TextView;  
import android.widget.Toast;  
  
public class Custom extends AppCompatActivity implements View.OnClickListener{  
  
 TextView tvdisplay;  
 private Button bt1,bt0,bt2,bt3,bt4,btsum,btres,btdiv,btmul,btshift,btigual,bts1,bts2,bts3,bts4,btclean;  
 private TextView tvShowUsername;  
 int i = 0;  
 public double op1 = 0.0,ope;  
 public double op2;  
 String operador;  
 double n1,n2,resu;  
 @Override  
 protected void onCreate(Bundle savedInstanceState) {  
 super.onCreate(savedInstanceState);  
 setContentView(R.layout.*activity\_custom*);  
 initializeComponents();  
 initializerVariables();  
 }private void initializerVariables() {  
 bt0 = findViewById(R.id.*bt0*);  
 bt0.setOnClickListener(this);  
 bt1 = findViewById(R.id.*bt1*);  
 bt1.setOnClickListener(this);  
 bt2 = findViewById(R.id.*bt2*);  
 bt2.setOnClickListener(this);  
 bt3 = findViewById(R.id.*bt3*);  
 bt3.setOnClickListener(this);  
 bt4 = findViewById(R.id.*bt4*);  
 bt4.setOnClickListener(this);  
 btsum = findViewById(R.id.*btsum*);  
 btsum.setOnClickListener(this);  
 btres = findViewById(R.id.*btres*);  
 btres.setOnClickListener(this);  
 btmul = findViewById(R.id.*btmul*);  
 btmul.setOnClickListener(this);  
 btdiv = findViewById(R.id.*btdiv*);  
 btdiv.setOnClickListener(this);  
 btigual = findViewById(R.id.*btigual*);  
 btigual.setOnClickListener(this);  
 btshift = findViewById(R.id.*btshift*);  
 btshift.setOnClickListener(this);  
 bts1 = findViewById(R.id.*bts1*);  
 bts1.setOnClickListener(this);  
 bts2 = findViewById(R.id.*bts2*);  
 bts2.setOnClickListener(this);  
 bts3 = findViewById(R.id.*bts3*);  
 bts3.setOnClickListener(this);  
 bts4 = findViewById(R.id.*bts4*);  
 bts4.setOnClickListener(this);  
 btclean = findViewById(R.id.*btclean*);  
 btclean.setOnClickListener(this);  
  
 }  
 private void initializeComponents()  
 {  
 tvShowUsername = findViewById(R.id.*tvShowUsername*);  
 String username = getIntent().getStringExtra("username");  
 String msg = "App: Custom \n Bienvenido: " + username;  
 tvShowUsername.setText(msg);  
 }  
  
 @Override  
 public void onClick(View v) {  
 switch (v.getId()) {  
 case R.id.*bt0*:  
 tvdisplay = (TextView) findViewById(R.id.*tvplay*);  
 tvdisplay.setText(tvdisplay.getText() + "0");  
  
 break;  
 case R.id.*bt1*:  
 tvdisplay = (TextView) findViewById(R.id.*tvplay*);  
 tvdisplay.setText(tvdisplay.getText() + "1");  
  
 break;  
 case R.id.*bt2*:  
 tvdisplay = (TextView) findViewById(R.id.*tvplay*);  
 tvdisplay.setText(tvdisplay.getText() + "2");  
  
 break;  
 case R.id.*bt3*:  
 tvdisplay = (TextView) findViewById(R.id.*tvplay*);  
 tvdisplay.setText(tvdisplay.getText() + "3");  
  
 break;  
 case R.id.*bt4*:  
 tvdisplay = (TextView) findViewById(R.id.*tvplay*);  
 tvdisplay.setText(tvdisplay.getText() + "4");  
  
 break;  
 case R.id.*btsum*:  
 operador="+";  
 OnClickOperationCapturaNumero1(v);  
  
  
 break;  
 case R.id.*btres*:  
 operador="-";  
 OnClickOperationCapturaNumero1(v);  
  
  
 break;  
 case R.id.*btmul*:  
 operador="\*";  
 OnClickOperationCapturaNumero1(v);  
  
  
 break;  
 case R.id.*btdiv*:  
 operador="/";  
 OnClickOperationCapturaNumero1(v);  
 case R.id.*btclean*:  
 n1=0;  
 n2=0;  
 tvdisplay=(TextView)findViewById(R.id.*tvplay*);  
 tvdisplay.setText(" ");  
  
 break;  
 case R.id.*btigual*:  
 tvdisplay=(TextView)findViewById(R.id.*tvplay*);  
 n2=Double.*parseDouble*(tvdisplay.getText().toString());  
 if(operador.equals("+"))  
 {  
 resu=n1+n2;  
 }  
 else if(operador.equals("-")){  
 resu=n1-n2;  
 }  
 else if(operador.equals("\*")){  
 resu=n1\*n2;  
 }  
 else if(operador.equals("/")){  
 resu=n1/n2;  
 }  
 else if(operador.equals("xy")){  
 tvdisplay=(TextView)findViewById(R.id.*tvplay*);  
 n2=Double.*parseDouble*(tvdisplay.getText().toString());  
 tvdisplay.setText(" ");  
 resu=Math.*pow*(n1,n2);  
 }  
 tvdisplay.setText(" "+resu);  
 break;  
  
 case R.id.*btshift*:  
 {  
  
 i++;  
 if (i % 2 == 0) {  
 bts1.setText("X2");  
 bts2.setText("X3");  
 bts3.setText("N!");  
 bts4.setText("Σn");  
 bts1.setOnClickListener(new View.OnClickListener() {  
 @Override  
 public void onClick(View v) {  
 tvdisplay=(TextView)findViewById(R.id.*tvplay*);  
 try{  
 n1=Double.*parseDouble*(tvdisplay.getText().toString());  
 resu=Math.*pow*(n1,n2);  
 tvdisplay.setText(String.*valueOf*(resu));  
 }catch (NumberFormatException nfe){}  
 }  
 });  
 bts2.setOnClickListener(new View.OnClickListener() {  
 @Override  
 public void onClick(View v) {  
  
 }  
 });  
 bts3.setOnClickListener(new View.OnClickListener() {  
 @Override  
 public void onClick(View v) {  
  
 }  
 });  
 bts4.setOnClickListener(new View.OnClickListener() {  
 @Override  
 public void onClick(View v) {  
  
 }  
 });  
  
 } else {  
 bts1.setText("X3");  
 bts2.setText("XY");  
 bts3.setText("fibo");  
 bts4.setText("Σnxy");  
 bts1.setOnClickListener(new View.OnClickListener() {  
 @Override  
 public void onClick(View v) {  
  
 }  
 });  
 bts2.setOnClickListener(new View.OnClickListener() {  
 @Override  
 public void onClick(View v) {  
  
 }  
 });  
 bts3.setOnClickListener(new View.OnClickListener() {  
 @Override  
 public void onClick(View v) {  
  
 }  
 });  
 bts4.setOnClickListener(new View.OnClickListener() {  
 @Override  
 public void onClick(View v) {  
  
 }  
 });  
 }  
  
 } break;  
 }  
  
  
 }  
 public void OnClickOperationCapturaNumero1(View view){  
 tvdisplay=(TextView)findViewById(R.id.*tvplay*);  
 n1=Double.*parseDouble*(tvdisplay.getText().toString());  
 tvdisplay.setText(" ");  
 }  
 public void factorial()  
 {  
 try {  
 double fact=1;  
 String auxi = tvdisplay.getText().toString();  
 Double op11 = Double.*parseDouble*(auxi);  
 for(Double i = op11;i>0;i--)  
 {  
 fact = fact\*i;  
 }  
 tvdisplay.setText(""+fact);  
 }  
 catch (Exception a)  
 {  
 Toast.*makeText*(getApplicationContext(),"Ingrese datos validos",Toast.*LENGTH\_LONG*).show();  
 }  
  
 }  
  
  
 public void elvadodos()  
 {  
  
 try {  
 String auxi = tvdisplay.getText().toString();  
 double op11 = Double.*parseDouble*(auxi);  
 double res = Math.*pow*(op11,2);  
 tvdisplay.setText(""+res);  
 }  
 catch (Exception a)  
 {  
 Toast.*makeText*(getApplicationContext(),"Ingrese datos validos",Toast.*LENGTH\_LONG*).show();  
 }  
  
 }  
 public void elvadotres()  
 {  
  
 try {  
 String auxi = tvdisplay.getText().toString();  
 double op11 = Double.*parseDouble*(auxi);  
 double res = Math.*pow*(op11,3);  
 tvdisplay.setText(""+res);  
 }  
 catch (Exception a)  
 {  
 Toast.*makeText*(getApplicationContext(),"Ingrese datos validos",Toast.*LENGTH\_LONG*).show();  
 }  
  
 }  
  
 public void sumn()  
 {  
 try {  
 double fact=0;  
 String auxi = tvdisplay.getText().toString();  
 Double op11 = Double.*parseDouble*(auxi);  
 for(Double i = op11;i>0;i--)  
 {  
 fact = fact+i;  
 }  
 tvdisplay.setText(""+fact);  
 }  
 catch (Exception a)  
 {  
 Toast.*makeText*(getApplicationContext(),"Ingrese datos validos",Toast.*LENGTH\_LONG*).show();  
 }  
  
  
 }  
 public void elevxy()  
 {  
 try {  
  
  
 String auxi = tvdisplay.getText().toString();  
 op1 = Double.*parseDouble*(auxi);  
  
  
 }  
 catch (NumberFormatException e){  
 Toast.*makeText*(getApplicationContext(),"Ingrese datos validos",Toast.*LENGTH\_LONG*).show();  
 }  
 tvdisplay.setText("");  
 ope = 5;  
 }  
 public void fibo()  
 {  
  
 try {  
 String auxi = tvdisplay.getText().toString();  
 op1 = Double.*parseDouble*(auxi);  
 int f =0;  
 int t1 =1;  
 int t2;  
 int sum =0;  
 for(double i = 1;i<=op1;i++)  
 {  
 t2 = f;  
 f = t1 +f;  
 t1 = t2;  
 sum = sum + t1;  
 }  
 tvdisplay.setText(""+sum);  
 op1=0;  
 }  
 catch (Exception E)  
 {  
  
 }  
  
  
 }  
 public void sumnxy()  
 {  
 try {  
  
 String auxi = tvdisplay.getText().toString();  
 op1 = Double.*parseDouble*(auxi);  
 tvdisplay.setText("");  
 ope=6;  
 }  
 catch (Exception a)  
 {  
 Toast.*makeText*(getApplicationContext(),"Ingrese datos validos",Toast.*LENGTH\_LONG*).show();  
 }  
  
 }  
}

**CLASE ONBOARDINGADAPTER**

import androidx.annotation.NonNull;  
import androidx.fragment.app.Fragment;  
import androidx.fragment.app.FragmentManager;  
import androidx.fragment.app.FragmentPagerAdapter;  
  
import com.example.defensahito3.Onboarding.FragmentDos;  
import com.example.defensahito3.Onboarding.FragmentTres;  
import com.example.defensahito3.Onboarding.FragmentUno;  
  
public class OnboardingAdapter extends FragmentPagerAdapter {  
 public OnboardingAdapter(FragmentManager fm)  
 {  
 super(fm);  
 }  
  
 @NonNull  
 @Override  
 public Fragment getItem(int position)  
 {  
 switch (position)  
 {  
 case 0:  
 return new FragmentUno();  
 case 1:  
 return new FragmentDos();  
 case 2:  
 return new FragmentTres();  
  
 default:  
 return null;  
 }  
 }  
  
 @Override  
 public int getCount()  
 {  
 return 3;  
 }  
}

**FRAGMENTUNO.JAVA**

import android.os.Bundle;  
import androidx.fragment.app.Fragment;  
import androidx.viewpager.widget.ViewPager;  
  
import android.view.LayoutInflater;  
import android.view.View;  
import android.view.ViewGroup;  
import android.widget.TextView;  
  
import com.example.defensahito3.R;  
  
*/\*\*  
 \* A simple {****@link*** *Fragment} subclass.  
 \*/*public class FragmentUno extends Fragment {  
 private TextView textPrev, textNext;  
 private TextView textDoneIns, textPrevIns;  
 private ViewPager viewPager;  
 private View view;  
 public FragmentUno() {  
 // Required empty public constructor  
 }  
  
  
 @Override  
 public View onCreateView(LayoutInflater inflater, ViewGroup container, Bundle savedInstanceState)  
 {  
 //initialize view pager from main activity  
 \_initializeInflater(inflater, container);  
  
 //initialize components  
 \_initialize();  
  
 //add click event to text Next and prev text  
 \_addClickDoneAndPrev();  
  
 //return  
 return view;  
 }  
  
 private void \_addClickDoneAndPrev() {  
 textPrev.setOnClickListener(new View.OnClickListener()  
 {  
 @Override  
 public void onClick(View v)  
 {  
 viewPager.setCurrentItem(3);  
 }  
 });  
  
 textNext.setOnClickListener(new View.OnClickListener()  
 {  
 @Override  
 public void onClick(View v)  
 {  
 viewPager.setCurrentItem(1);  
 }  
 });  
  
 }  
  
 private void \_initialize() {  
 viewPager = getActivity().findViewById(R.id.*viewPagerContainer*);  
 textNext = view.findViewById(R.id.*textNext*);  
 textPrev = view.findViewById(R.id.*Skip*);  
 }  
  
 private void \_initializeInflater(LayoutInflater inflater, ViewGroup container) {  
 view = inflater.inflate(R.layout.*fragment\_uno*, container, false);  
 }  
  
}

**FRAGMENTDOS.JAVA**

import android.os.Bundle;  
import androidx.fragment.app.Fragment;  
import androidx.viewpager.widget.ViewPager;  
  
import android.view.LayoutInflater;  
import android.view.View;  
import android.view.ViewGroup;  
import android.widget.TextView;  
  
import com.example.defensahito3.R;  
  
*/\*\*  
 \* A simple {****@link*** *Fragment} subclass.  
 \*  
 \*/*public class FragmentDos extends Fragment {  
 private TextView textPrev, textNext;  
 private TextView textDoneIns, textPrevIns;  
 private ViewPager viewPager;  
 private View view;  
 public FragmentDos() {  
 // Required empty public constructor  
 }  
  
  
 @Override  
 public View onCreateView(LayoutInflater inflater, ViewGroup container, Bundle savedInstanceState)  
 {  
 //initialize view pager from main activity  
 \_initializeInflater(inflater, container);  
  
 //initialize components  
 \_initialize();  
  
 //add click event to text Next and prev text  
 \_addClickDoneAndPrev();  
  
 //return  
 return view;  
 }  
  
 private void \_addClickDoneAndPrev() {  
 textPrev.setOnClickListener(new View.OnClickListener()  
 {  
 @Override  
 public void onClick(View v)  
 {  
 viewPager.setCurrentItem(3);  
 }  
 });  
  
 textNext.setOnClickListener(new View.OnClickListener()  
 {  
 @Override  
 public void onClick(View v)  
 {  
 viewPager.setCurrentItem(2);  
 }  
 });  
 }  
  
 private void \_initialize() {  
 viewPager = getActivity().findViewById(R.id.*viewPagerContainer*);  
 textNext = view.findViewById(R.id.*textNext*);  
 textPrev = view.findViewById(R.id.*Skip*);  
 }  
  
 private void \_initializeInflater(LayoutInflater inflater, ViewGroup container) {  
 view = inflater.inflate(R.layout.*fragment\_dos*, container, false);  
 }  
}

**FRAGMENTTRES.JAVA**

import android.content.Intent;  
import android.os.Bundle;  
import androidx.fragment.app.Fragment;  
import androidx.viewpager.widget.ViewPager;  
import android.view.LayoutInflater;  
import android.view.View;  
import android.view.ViewGroup;  
import android.widget.Button;  
import android.widget.EditText;  
import android.widget.TextView;  
import android.widget.Toast;  
import com.example.defensahito3.Basica;  
import com.example.defensahito3.Cientifica;  
import com.example.defensahito3.Custom;  
import com.example.defensahito3.R;  
public class FragmentTres extends Fragment {  
  
 private EditText etSelectapp,etUsername;  
 private Button descbas,descient,desccustom,selectbas,selectcient,selectcustom,btLogin;  
 private ViewPager viewPager;  
 private View view;  
  
 public FragmentTres()  
 {  
 // Required empty public constructor  
 }  
  
 @Override  
 public View onCreateView(LayoutInflater inflater, ViewGroup container, Bundle savedInstanceState)  
 {  
 //initialize viewpager from main activity  
 initializeInflater(inflater, container);  
  
 //initialize components  
 initializeComponents();  
  
 //add click event to text Next and prev text  
 eventClickAction();  
  
 //return  
 return view;  
 }  
  
 public void initializeInflater(LayoutInflater inflater, ViewGroup container)  
 {  
 view = inflater.inflate(R.layout.*fragment\_tres*, container, false);  
 }  
  
 public void initializeComponents()  
 {  
 viewPager = getActivity().findViewById(R.id.*viewPagerContainer*);  
  
 etSelectapp = view.findViewById(R.id.*etSelectapp*);  
 etUsername = view.findViewById(R.id.*etUsername*);  
  
 btLogin = view.findViewById(R.id.*btLogin*);  
  
 descbas = view.findViewById(R.id.*descbas*);  
 descient = view.findViewById(R.id.*descient*);  
 desccustom = view.findViewById(R.id.*desccustom*);  
 selectbas = view.findViewById(R.id.*selectbas*);  
 selectcient = view.findViewById(R.id.*selectcient*);  
 selectcustom = view.findViewById(R.id.*selectcustom*);  
  
 }  
  
 public void eventClickAction()  
 {  
  
 selectbas.setOnClickListener(new View.OnClickListener() {  
 @Override  
 public void onClick(View v) {  
 etSelectapp.setText("Basica");  
 }  
 });  
 selectcient.setOnClickListener(new View.OnClickListener() {  
 @Override  
 public void onClick(View v) {  
 etSelectapp.setText("Cientifica");  
 }  
 });  
 selectcustom.setOnClickListener(new View.OnClickListener() {  
 @Override  
 public void onClick(View v) {  
 etSelectapp.setText("Custom");  
 }  
 });  
 descbas.setOnClickListener(new View.OnClickListener() {  
 @Override  
 public void onClick(View v) {  
 Toast.*makeText*(getActivity(), "Calculadora con operaciones simples básica", Toast.*LENGTH\_SHORT*).show();  
 }  
 });  
 descient.setOnClickListener(new View.OnClickListener() {  
 @Override  
 public void onClick(View v) {  
 Toast.*makeText*(getActivity(), "Calculadora con operaciones avanzadas", Toast.*LENGTH\_SHORT*).show();  
 }  
 });  
 desccustom.setOnClickListener(new View.OnClickListener() {  
 @Override  
 public void onClick(View v) {  
 Toast.*makeText*(getActivity(), "Calculadora con operaciones para programadores", Toast.*LENGTH\_SHORT*).show();  
 }  
 });  
 btLogin.setOnClickListener(new View.OnClickListener()  
 {  
 @Override  
 public void onClick(View v)  
 {  
 String selectapp = etSelectapp.getText().toString().trim();  
 String username = etUsername.getText().toString().trim();  
  
 if(username.equals("") || selectapp .equals(""))  
 {  
 Toast.*makeText*(getActivity(), "Debe llenar todos los campos", Toast.*LENGTH\_SHORT*).show();  
 }  
 else if(selectapp.equals("Custom"))  
 {  
 Intent intent = new Intent(getActivity(), Custom.class);  
 intent.putExtra("selectapp", selectapp);  
 intent.putExtra("username", username);  
  
 startActivity(intent);  
  
 }  
 else if(selectapp.equals("Basica"))  
 {  
 Intent intent = new Intent(getActivity(), Basica.class);  
 intent.putExtra("selectapp", selectapp);  
 intent.putExtra("username", username);  
  
 startActivity(intent);  
  
 }  
 else if(selectapp.equals("Cientifica")) {  
 Intent intent = new Intent(getActivity(), Cientifica.class);  
 intent.putExtra("selectapp", selectapp);  
 intent.putExtra("username", username);  
  
 startActivity(intent);  
  
 }  
 else{  
 Toast.*makeText*(getActivity(), "Seleccione Calculadora", Toast.*LENGTH\_SHORT*).show();  
 }  
  
  
 }  
 });  
 }  
}

**ACTIVITY BASICA.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"  
 tools:context=".Basica">  
 <LinearLayout  
 android:layout\_width="match\_parent"  
 android:layout\_height="match\_parent"  
 android:padding="32dp"  
 android:orientation="vertical">  
  
 <TextView  
 android:id="@+id/tvShowUsername"  
 android:layout\_width="match\_parent"  
 android:layout\_height="match\_parent"  
 android:fontFamily="@font/aclonica"  
 android:gravity="center"  
 android:textColor="@color/colorOrange"  
 android:textSize="20sp">  
  
 </TextView>  
  
 </LinearLayout>  
  
</LinearLayout>

**ACTIVITY CIENTIFICA.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"  
 tools:context=".Basica">  
 <LinearLayout  
 android:layout\_width="match\_parent"  
 android:layout\_height="match\_parent"  
 android:padding="32dp"  
 android:orientation="vertical">  
  
 <TextView  
 android:id="@+id/tvShowUsername"  
 android:layout\_width="match\_parent"  
 android:layout\_height="match\_parent"  
 android:fontFamily="@font/aclonica"  
 android:gravity="center"  
 android:textColor="@color/colorOrange"  
 android:textSize="20sp">  
  
 </TextView>  
  
 </LinearLayout>  
  
</LinearLayout>

**ACTIVITY CUSTOM.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=".Custom">  
  
  
 <LinearLayout  
 android:layout\_width="match\_parent"  
 android:layout\_height="565dp"  
 android:layout\_weight="1"  
 android:orientation="vertical"  
 android:padding="32dp">  
  
 <TextView  
 android:id="@+id/tvShowUsername"  
 android:layout\_width="match\_parent"  
 android:layout\_height="match\_parent"  
 android:fontFamily="@font/aclonica"  
 android:gravity="center"  
 android:textColor="@color/colorOrange"  
 android:textSize="20sp">  
  
 </TextView>  
  
  
 </LinearLayout>  
  
 <LinearLayout  
 android:layout\_width="match\_parent"  
 android:layout\_height="match\_parent"  
 android:layout\_weight="1"  
 android:orientation="vertical">  
  
 <LinearLayout  
 android:layout\_width="match\_parent"  
 android:layout\_height="match\_parent"  
 android:layout\_weight="1"  
 android:orientation="vertical">  
  
 <EditText  
 android:id="@+id/tvplay"  
 android:layout\_width="match\_parent"  
 android:layout\_height="wrap\_content"  
 android:layout\_gravity="center"  
 android:layout\_marginLeft="30dp"  
 android:layout\_marginTop="10dp"  
 android:layout\_marginRight="30dp"  
 android:background="@drawable/et\_style"  
 android:fontFamily="@font/aclonica"></EditText>  
 </LinearLayout>  
  
 <LinearLayout  
 android:layout\_width="match\_parent"  
 android:layout\_height="match\_parent"  
 android:layout\_weight="1"  
 android:orientation="horizontal">  
  
 <Button  
 android:id="@+id/bts1"  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:layout\_weight="1"  
 android:background="@drawable/estilo\_bordes"  
 android:backgroundTint="@color/colorOrange"  
 android:text="X2"  
 android:textColor="@color/colorWhite" />  
  
 <Button  
 android:id="@+id/bts2"  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:layout\_weight="1"  
 android:background="@drawable/estilo\_bordes"  
 android:backgroundTint="@color/colorOrange"  
 android:text="X3"  
 android:textColor="@color/colorWhite" />  
  
 <Button  
 android:id="@+id/bts3"  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:layout\_weight="1"  
 android:background="@drawable/estilo\_bordes"  
 android:backgroundTint="@color/colorOrange"  
 android:text="N!"  
 android:textColor="@color/colorWhite" />  
  
 <Button  
 android:id="@+id/bts4"  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:layout\_weight="1"  
 android:background="@drawable/estilo\_bordes"  
 android:backgroundTint="@color/colorOrange"  
 android:text="MN"  
 android:textColor="@color/colorWhite" />  
 </LinearLayout>  
  
 <LinearLayout  
 android:layout\_width="match\_parent"  
 android:layout\_height="match\_parent"  
 android:layout\_weight="1"  
 android:orientation="horizontal">  
  
 <Button  
 android:id="@+id/bt1"  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:layout\_weight="1"  
 android:background="@drawable/estilo\_bordes"  
 android:backgroundTint="@color/colorOrange"  
 android:text="1"  
 android:textColor="@color/colorWhite" />  
  
 <Button  
 android:id="@+id/bt2"  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:layout\_weight="1"  
 android:background="@drawable/estilo\_bordes"  
 android:backgroundTint="@color/colorOrange"  
 android:text="2"  
 android:textColor="@color/colorWhite" />  
  
 <Button  
 android:id="@+id/bt3"  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:layout\_weight="1"  
 android:background="@drawable/estilo\_bordes"  
 android:backgroundTint="@color/colorOrange"  
 android:text="3"  
 android:textColor="@color/colorWhite" />  
  
 <Button  
 android:id="@+id/bt4"  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:layout\_weight="1"  
 android:background="@drawable/estilo\_bordes"  
 android:backgroundTint="@color/colorOrange"  
 android:text="4"  
 android:textColor="@color/colorWhite" />  
 </LinearLayout>  
  
 <LinearLayout  
 android:layout\_width="match\_parent"  
 android:layout\_height="match\_parent"  
 android:layout\_weight="1"  
 android:orientation="horizontal">  
  
 <Button  
 android:id="@+id/bt0"  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:layout\_weight="1"  
 android:background="@drawable/estilo\_bordes"  
 android:backgroundTint="@color/colorOrange"  
 android:text="0"  
 android:textColor="@color/colorWhite" />  
  
 <Button  
 android:id="@+id/btshift"  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:layout\_weight="1"  
 android:background="@drawable/estilo\_bordes"  
 android:backgroundTint="@color/colorOrange"  
 android:text="SHIFT"  
 android:textColor="@color/colorWhite" />  
  
 <Button  
 android:id="@+id/btclean"  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:layout\_weight="1"  
 android:background="@drawable/estilo\_bordes"  
 android:backgroundTint="@color/colorOrange"  
 android:text="CLEAN"  
 android:textColor="@color/colorWhite" />  
 </LinearLayout>  
  
 <LinearLayout  
 android:layout\_width="match\_parent"  
 android:layout\_height="match\_parent"  
 android:layout\_weight="1"  
 android:orientation="horizontal">  
  
 <Button  
 android:id="@+id/btsum"  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:layout\_weight="1"  
 android:background="@drawable/estilo\_bordes"  
 android:backgroundTint="@color/colorOrange"  
 android:text="+"  
 android:textColor="@color/colorWhite" />  
  
 <Button  
 android:id="@+id/btres"  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:layout\_weight="1"  
 android:background="@drawable/estilo\_bordes"  
 android:backgroundTint="@color/colorOrange"  
 android:text="-"  
 android:textColor="@color/colorWhite" />  
  
 <Button  
 android:id="@+id/btmul"  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:layout\_weight="1"  
 android:background="@drawable/estilo\_bordes"  
 android:backgroundTint="@color/colorOrange"  
 android:text="\*"  
 android:textColor="@color/colorWhite" />  
  
 <Button  
 android:id="@+id/btdiv"  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:layout\_weight="1"  
 android:background="@drawable/estilo\_bordes"  
 android:backgroundTint="@color/colorOrange"  
 android:text="/"  
 android:textColor="@color/colorWhite" />  
 </LinearLayout>  
  
 <LinearLayout  
 android:layout\_width="match\_parent"  
 android:layout\_height="match\_parent"  
 android:layout\_weight="1"  
 android:orientation="horizontal">  
  
 <Button  
 android:id="@+id/btigual"  
 android:layout\_width="match\_parent"  
 android:layout\_height="wrap\_content"  
 android:layout\_gravity="center"  
 android:backgroundTint="@color/colorOrange"  
 android:layout\_marginLeft="30dp"  
 android:layout\_marginTop="10dp"  
 android:layout\_marginRight="30dp"  
 android:background="@drawable/et\_style"  
 android:fontFamily="@font/aclonica"  
 android:textColor="@color/colorWhite"  
 android:textSize="30dp"  
 android:text="=" />  
 </LinearLayout>  
  
 </LinearLayout>  
  
 <LinearLayout  
 android:layout\_width="match\_parent"  
 android:layout\_height="518dp"  
 android:layout\_weight="1"  
 android:orientation="vertical">  
  
 <Button  
 android:id="@+id/dd"  
 android:layout\_width="match\_parent"  
 android:layout\_height="wrap\_content"  
 android:layout\_gravity="center"  
 android:backgroundTint="@color/colorOrange"  
 android:layout\_marginLeft="30dp"  
 android:layout\_marginTop="10dp"  
 android:layout\_marginRight="30dp"  
 android:background="@drawable/et\_style"  
 android:fontFamily="@font/aclonica"  
 android:textColor="@color/colorWhite"  
 android:text="Close App"/>  
 </LinearLayout>  
  
</LinearLayout>

**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"  
 tools:context=".MainActivity">  
  
 <androidx.viewpager.widget.ViewPager  
 android:id="@+id/viewPagerContainer"  
 android:layout\_width="match\_parent"  
 android:layout\_height="match\_parent">  
 </androidx.viewpager.widget.ViewPager>  
  
</LinearLayout>

**FRAGMENT UNO.XML**

<?xml version="1.0" encoding="utf-8"?>  
<LinearLayout 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"  
 android:orientation="vertical"  
 android:background="@drawable/bg1"  
 tools:context=".Onboarding.FragmentUno">  
  
 <ImageView  
 android:id="@+id/imgWelcome"  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:scaleType="centerCrop"  
 android:src="@drawable/img1" />  
  
 <TextView  
 android:id="@+id/textTitle1"  
 android:layout\_width="match\_parent"  
 android:layout\_height="wrap\_content"  
 android:layout\_marginTop="40dp"  
 android:fontFamily="@font/aclonica"  
 android:gravity="center"  
 android:text="@string/some"  
 android:textColor="@color/colorOrange"  
 android:textSize="28sp" />  
  
  
 <TextView  
 android:id="@+id/textDesc1"  
 android:layout\_width="match\_parent"  
 android:layout\_height="wrap\_content"  
 android:layout\_marginTop="20dp"  
 android:text="@string/manejo"  
 android:textSize="18sp"  
 android:textColor="@color/colorOrange"  
 android:gravity="center"  
 android:fontFamily="@font/aclonica"/>  
 <LinearLayout  
 android:id="@+id/layoutNextIns"  
 android:layout\_width="match\_parent"  
 android:layout\_height="match\_parent"  
 android:orientation="horizontal">  
  
 <Button  
 android:id="@+id/Skip"  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:layout\_gravity="bottom|start"  
 android:layout\_marginStart="8dp"  
 android:layout\_marginBottom="2dp"  
 android:layout\_weight="1"  
 android:background="@drawable/estilo\_bordes"  
 android:backgroundTint="@color/colorOrange"  
 android:clickable="true"  
 android:focusable="true"  
 android:fontFamily="@font/baumans"  
 android:gravity="bottom|start"  
 android:text="@string/skip"  
 android:textColor="@color/colorWhite"  
 android:textSize="20sp" />  
  
 <TextView  
 android:id="@+id/textNext"  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:layout\_gravity="bottom|end"  
 android:layout\_marginEnd="8dp"  
 android:layout\_marginBottom="2dp"  
 android:gravity="bottom|end"  
 android:layout\_weight="1"  
 android:text="@string/next"  
 android:textColor="@color/colorOrange"  
 android:textSize="20sp"  
 android:fontFamily="@font/baumans"  
 android:clickable="true"  
 android:focusable="true"/>  
 </LinearLayout>  
</LinearLayout>

**FRAGMENT DOS.XML**

<?xml version="1.0" encoding="utf-8"?>  
<LinearLayout 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"  
 android:background="@drawable/bg2"  
 android:orientation="vertical"  
 tools:context=".Onboarding.FragmentDos">  
  
 <ImageView  
 android:id="@+id/imgWelcome"  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:scaleType="centerCrop"  
 android:src="@drawable/img2" />  
 <TextView  
 android:id="@+id/textTitle1"  
 android:layout\_width="match\_parent"  
 android:layout\_height="wrap\_content"  
 android:layout\_marginTop="40dp"  
 android:fontFamily="@font/aclonica"  
 android:gravity="center"  
 android:text="@string/defen"  
 android:textColor="@color/colorOrange"  
 android:textSize="28sp" />  
  
  
 <TextView  
 android:id="@+id/textDesc1"  
 android:layout\_width="match\_parent"  
 android:layout\_height="wrap\_content"  
 android:layout\_marginTop="20dp"  
 android:text="@string/uni"  
 android:textSize="18sp"  
 android:textColor="@color/colorOrange"  
 android:gravity="center"  
 android:fontFamily="@font/aclonica"/>  
 <LinearLayout  
 android:id="@+id/layoutNextIns"  
 android:layout\_width="match\_parent"  
 android:layout\_height="match\_parent"  
 android:orientation="horizontal">  
  
 <Button  
 android:id="@+id/Skip"  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:layout\_gravity="bottom|start"  
 android:layout\_marginStart="8dp"  
 android:layout\_marginBottom="2dp"  
 android:layout\_weight="1"  
 android:background="@drawable/estilo\_bordes"  
 android:backgroundTint="@color/colorOrange"  
 android:clickable="true"  
 android:focusable="true"  
 android:fontFamily="@font/baumans"  
 android:gravity="bottom|start"  
 android:text="@string/skip"  
 android:textColor="@color/colorWhite"  
 android:textSize="20sp" />  
  
 <TextView  
 android:id="@+id/textNext"  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:layout\_gravity="bottom|end"  
 android:layout\_marginEnd="8dp"  
 android:layout\_marginBottom="2dp"  
 android:layout\_weight="1"  
 android:clickable="true"  
 android:focusable="true"  
 android:fontFamily="@font/baumans"  
 android:gravity="bottom|end"  
 android:text="@string/next"  
 android:textColor="@color/colorOrange"  
 android:textSize="20sp" />  
 </LinearLayout>  
  
  
  
</LinearLayout>

**FRAGMENT TRES.XML**

<?xml version="1.0" encoding="utf-8"?>  
<LinearLayout 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"  
 android:background="@drawable/bg3"  
 android:orientation="vertical"  
 tools:context=".Onboarding.FragmentTres">  
  
 <LinearLayout  
 android:id="@+id/aaaa"  
 android:layout\_width="match\_parent"  
 android:layout\_height="match\_parent"  
 android:layout\_weight="1"  
 android:orientation="vertical">  
  
 <ImageView  
 android:id="@+id/imgLog"  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:layout\_gravity="center"  
  
 android:scaleType="centerCrop"  
 android:src="@drawable/img3" />  
  
 </LinearLayout>  
  
 <LinearLayout  
 android:layout\_width="match\_parent"  
 android:layout\_height="741dp"  
 android:layout\_weight="1"  
 android:orientation="horizontal">  
  
 <LinearLayout  
 android:layout\_width="match\_parent"  
 android:layout\_height="match\_parent"  
 android:layout\_weight="1"  
 android:orientation="vertical">  
  
 <TextView  
 android:id="@+id/basica"  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:layout\_marginTop="40dp"  
 android:layout\_weight="1"  
 android:fontFamily="@font/aclonica"  
 android:gravity="center"  
 android:text="@string/basica"  
 android:textColor="@color/colorOrange"  
 android:textSize="22sp" />  
  
 <TextView  
 android:id="@+id/cientifica"  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:layout\_marginTop="40dp"  
 android:layout\_weight="1"  
 android:fontFamily="@font/aclonica"  
 android:gravity="center"  
 android:text="@string/cint"  
 android:textColor="@color/colorOrange"  
 android:textSize="22sp" />  
  
 <TextView  
 android:id="@+id/custom"  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:layout\_marginTop="40dp"  
 android:layout\_weight="1"  
 android:fontFamily="@font/aclonica"  
 android:gravity="center"  
 android:text="@string/cust"  
 android:textColor="@color/colorOrange"  
 android:textSize="22sp" />  
  
 </LinearLayout>  
  
 <LinearLayout  
 android:layout\_width="match\_parent"  
 android:layout\_height="match\_parent"  
 android:layout\_weight="1"  
 android:orientation="vertical">  
  
 <Button  
 android:id="@+id/descbas"  
 android:layout\_width="100dp"  
 android:layout\_height="10sp"  
 android:layout\_gravity="center"  
 android:layout\_marginTop="40dp"  
 android:layout\_weight="1"  
 android:background="@drawable/estilo\_bordes"  
 android:backgroundTint="@color/colorOrange"  
 android:clickable="true"  
 android:focusable="true"  
 android:fontFamily="@font/baumans"  
 android:gravity="center"  
 android:text="@string/desc"  
 android:textColor="@color/colorWhite"  
 android:textSize="20sp" />  
  
 <Button  
 android:id="@+id/descient"  
 android:layout\_width="100dp"  
 android:layout\_height="10sp"  
 android:layout\_gravity="center"  
 android:layout\_marginTop="40dp"  
 android:layout\_weight="1"  
 android:background="@drawable/estilo\_bordes"  
 android:backgroundTint="@color/colorOrange"  
 android:clickable="true"  
 android:focusable="true"  
 android:fontFamily="@font/baumans"  
 android:gravity="center"  
 android:text="@string/desc"  
 android:textColor="@color/colorWhite"  
 android:textSize="20sp" />  
  
 <Button  
 android:id="@+id/desccustom"  
 android:layout\_width="100dp"  
 android:layout\_height="10sp"  
 android:layout\_gravity="center"  
 android:layout\_marginTop="40dp"  
 android:layout\_weight="1"  
 android:background="@drawable/estilo\_bordes"  
 android:backgroundTint="@color/colorOrange"  
 android:clickable="true"  
 android:focusable="true"  
 android:fontFamily="@font/baumans"  
 android:gravity="center"  
 android:text="@string/desc"  
 android:textColor="@color/colorWhite"  
 android:textSize="20sp" />  
 </LinearLayout>  
  
 <LinearLayout  
 android:layout\_width="match\_parent"  
 android:layout\_height="match\_parent"  
 android:layout\_weight="1"  
 android:orientation="vertical">  
  
 <Button  
 android:id="@+id/selectbas"  
 android:layout\_width="100dp"  
 android:layout\_height="10sp"  
 android:layout\_gravity="center"  
 android:layout\_marginTop="40dp"  
 android:layout\_weight="1"  
 android:background="@drawable/estilo\_bordes"  
 android:backgroundTint="@color/colorOrange"  
 android:clickable="true"  
 android:focusable="true"  
 android:fontFamily="@font/baumans"  
 android:gravity="center"  
 android:text="@string/select"  
 android:textColor="@color/colorWhite"  
 android:textSize="20sp" />  
  
 <Button  
 android:id="@+id/selectcient"  
 android:layout\_width="100dp"  
 android:layout\_height="10sp"  
 android:layout\_gravity="center"  
 android:layout\_marginTop="40dp"  
 android:layout\_weight="1"  
 android:background="@drawable/estilo\_bordes"  
 android:backgroundTint="@color/colorOrange"  
 android:clickable="true"  
 android:focusable="true"  
 android:fontFamily="@font/baumans"  
 android:gravity="center"  
 android:text="@string/select"  
 android:textColor="@color/colorWhite"  
 android:textSize="20sp" />  
  
 <Button  
 android:id="@+id/selectcustom"  
 android:layout\_width="100dp"  
 android:layout\_height="10sp"  
 android:layout\_gravity="center"  
 android:layout\_marginTop="40dp"  
 android:layout\_weight="1"  
 android:background="@drawable/estilo\_bordes"  
 android:backgroundTint="@color/colorOrange"  
 android:clickable="true"  
 android:focusable="true"  
 android:fontFamily="@font/baumans"  
 android:gravity="center"  
 android:text="@string/select"  
 android:textColor="@color/colorWhite"  
 android:textSize="20sp" />  
 </LinearLayout>  
 </LinearLayout>  
  
 <LinearLayout  
 android:id="@+id/aaasda"  
 android:layout\_width="match\_parent"  
 android:layout\_height="match\_parent"  
 android:layout\_weight="1"  
 android:orientation="vertical">  
  
 <EditText  
 android:id="@+id/etSelectapp"  
 android:layout\_width="match\_parent"  
 android:layout\_height="wrap\_content"  
 android:layout\_gravity="center"  
 android:layout\_marginTop="20dp"  
 android:layout\_marginRight="30dp"  
 android:layout\_marginLeft="30dp"  
 android:hint="@string/selectapp"  
 android:background="@drawable/et\_style"  
 android:fontFamily="@font/aclonica"  
 android:inputType="textEmailAddress">  
  
 </EditText>  
  
 <EditText  
 android:id="@+id/etUsername"  
 android:layout\_width="match\_parent"  
 android:layout\_height="wrap\_content"  
 android:layout\_gravity="center"  
 android:layout\_marginTop="10dp"  
 android:layout\_marginRight="30dp"  
 android:layout\_marginLeft="30dp"  
 android:hint="@string/usernam"  
 android:background="@drawable/et\_style"  
 android:fontFamily="@font/aclonica">  
  
 </EditText>  
  
 <Button  
 android:id="@+id/btLogin"  
 android:layout\_width="100dp"  
 android:layout\_height="40dp"  
 android:layout\_gravity="center"  
 android:layout\_marginLeft="30dp"  
 android:layout\_marginTop="10dp"  
 android:layout\_marginRight="30dp"  
 android:background="@drawable/estilo\_bordes"  
 android:backgroundTint="@color/colorOrange"  
 android:fontFamily="@font/aclonica"  
 android:text="@string/ingr"  
 android:textColor="@color/colorWhite">  
  
 </Button>  
  
 </LinearLayout>  
  
</LinearLayout>