



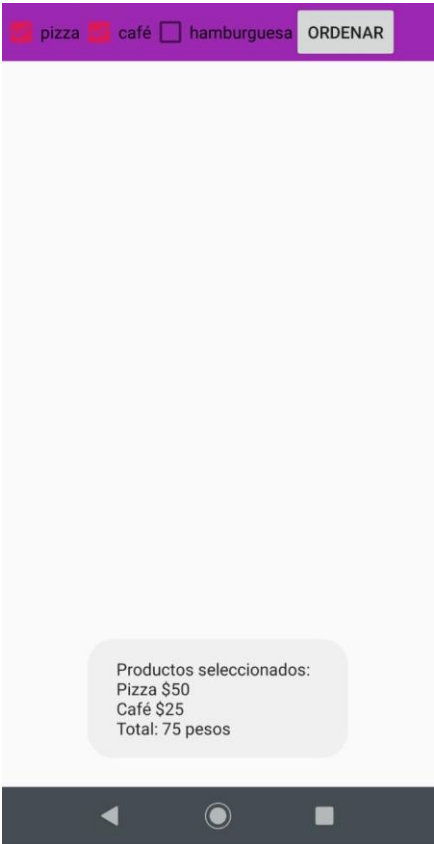
Materia:
Programación de dispositivos móviles.

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Alumno(a):
Kassandra Berenice Jiménez Olivares

Ejercicio 2

App:



Código:

```

1  <?xml version="1.0" encoding="utf-8"?>
2  <androidx.constraintlayout.widget.ConstraintLayout xmlns:android="http://schemas.android.com/apk/res/android"
3      xmlns:app="http://schemas.android.com/apk/res-auto"
4      xmlns:tools="http://schemas.android.com/tools"
5      android:layout_width="match_parent"
6      android:layout_height="match_parent"
7      android:background="@color/white"
8      tools:context=".MainActivity">
9
10     <LinearLayout
11         android:id="@+id/linearlayout"
12         android:layout_width="8dp"
13         android:layout_height="wrap_content"
14         android:background="@color/white"
15         app:layout_constraintBottomToBottomOf="parent"
16         app:layout_constraintStartToStartOf="parent"
17         app:layout_constraintTopToTopOf="parent"
18         tools:ignore="MissingConstraints">
19
20     <CheckBox
21         android:id="@+id/checkbox1"
22         android:layout_width="wrap_content"
23         android:layout_height="wrap_content"
24         android:layout_alignParentLeft="true"
25         android:layout_alignParentTop="true"
26         android:text="Puede ser"
27         tools:layout_editor_absoluteX="16dp"
28         tools:layout_editor_absoluteY="16dp" />
29
30     <CheckBox
31         android:id="@+id/checkbox2"
32         android:layout_width="wrap_content"
33         android:layout_height="wrap_content"
34         android:layout_alignParentLeft="true"
35         android:layout_alignParentTop="true"

```

The screenshot shows the Android Studio IDE with the following details:

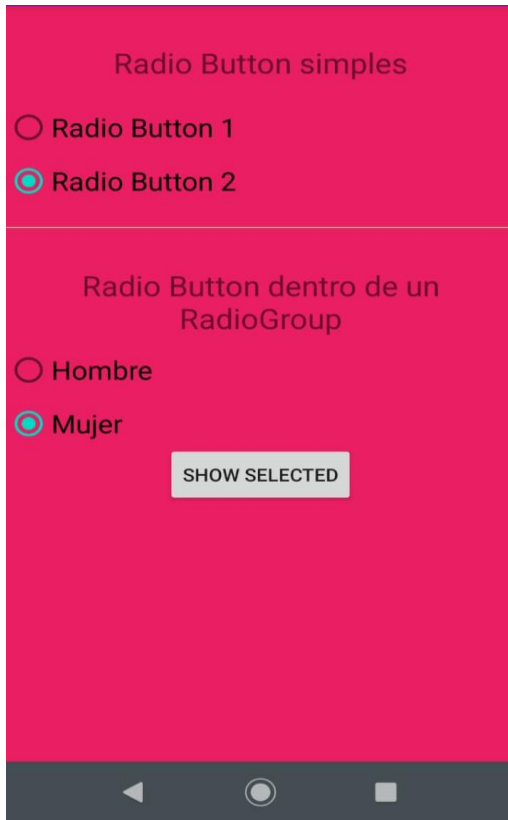
- Top Bar:** File, Edit, View, Navigate, Code, Analyze, Refactor, Build, Run, Tools, VCS, Window, Help.
- Project Explorer (Left):** Shows the project structure for 'ejercicio2Pedido'. The 'Main' tab is selected, showing 'MainActivity' under the 'java' package.
- Code Editor:** Displays the 'MainActivity.java' file. The code is as follows:


```

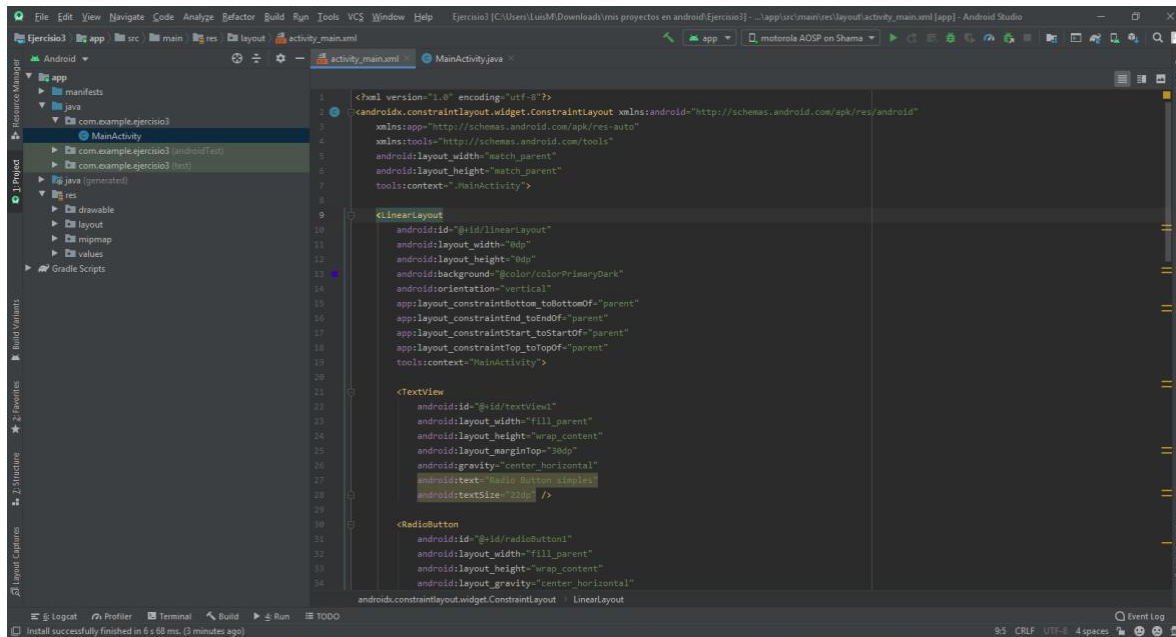
16  Button btnOrder;
17
18  @Override
19  protected void onCreate(Bundle savedInstanceState) {
20      super.onCreate(savedInstanceState);
21      setContentView(R.layout.activity_main);
22      addListenerOnButtonClick();
23  }
24
25  private void addListenerOnButtonClick() {
26      Pizza = (CheckBox)findViewById(R.id.checkBox1);
27      Cafe = (CheckBox)findViewById(R.id.checkBox2);
28      Hamburguesa = (CheckBox)findViewById(R.id.checkBox3);
29      btnOrder = (Button)findViewById(R.id.button1);
30
31      btnOrder.setOnClickListener(v -> {
32          int totalP=0;
33          StringBuilder result = new StringBuilder();
34          result.append("Productos seleccionados: ");
35          if(Pizza.isChecked()){
36              result.append("\nPizza $50");
37              totalP+=50;
38          }
39          if(Cafe.isChecked()){
40              result.append("\nCafe $25");
41              totalP+=25;
42          }
43          if(Hamburguesa.isChecked()){
44              result.append("\nHamburguesa $45");
45              totalP+=45;
46          }
47          result.append("\nTotal: "+totalP+" pesos");
48          Toast.makeText(getApplicationContext(),result.toString(), Toast.LENGTH_LONG).show();
49      });
50  }
51
52  MainActivity addListenerOnButtonClick()
      
```
- Bottom Bar:** Logcat, Profiler, Terminal, Build, Run, 1000. The Logcat tab is active, showing a successful installation message: 'Install successfully finished in 3 s 406 ms. (19 minutes ago)'.
- System Bar (Bottom):** Shows the time 28:11, battery level at 100%, and connectivity icons for UHF, 4G, and location.

Ejercicio 3

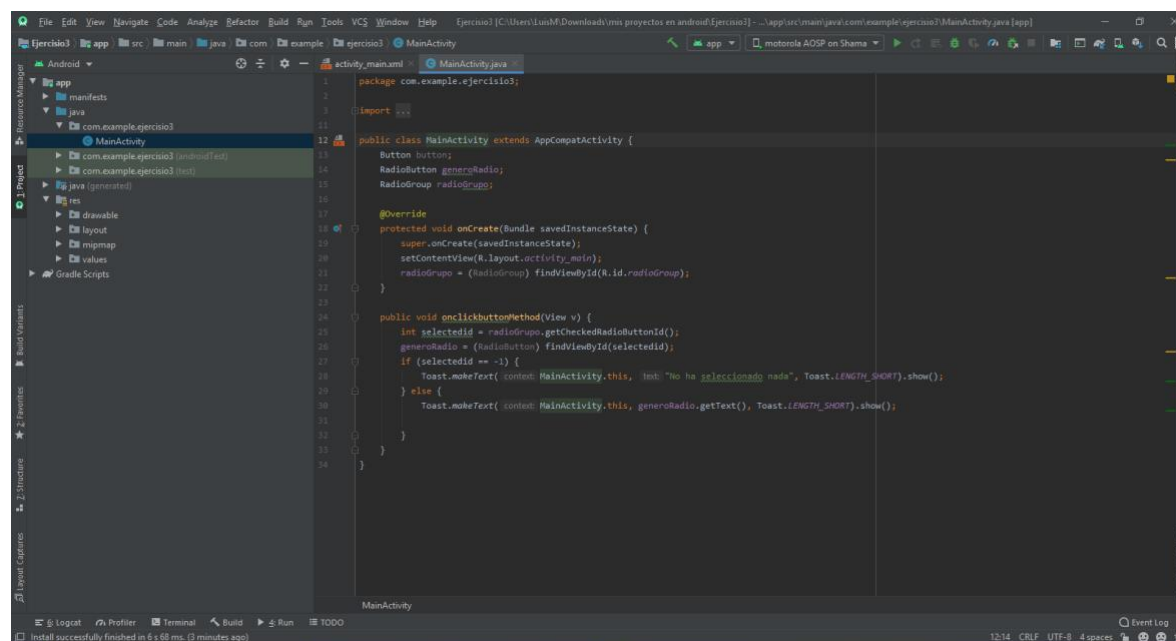
App:



Código:



```
1 <?xml version="1.0" encoding="utf-8"?>
2 <androidx.constraintlayout.widget.ConstraintLayout xmlns:android="http://schemas.android.com/apk/res/android"
3     xmlns:app="http://schemas.android.com/apk/res-auto"
4     xmlns:tools="http://schemas.android.com/tools"
5     android:layout_width="match_parent"
6     android:layout_height="match_parent"
7     tools:context=".MainActivity">
8
9     <LinearLayout
10         android:id="@+id/linearlayout"
11         android:layout_width="8dp"
12         android:layout_height="8dp"
13         android:background="@color/colorPrimaryDark"
14         android:orientation="vertical"
15         app:layout_constraintBottom_toBottomOf="parent"
16         app:layout_constraintEnd_toEndOf="parent"
17         app:layout_constraintStart_toStartOf="parent"
18         app:layout_constraintTop_toTopOf="parent"
19         tools:context=".MainActivity">
20
21         <TextView
22             android:id="@+id/textview1"
23             android:layout_width="fill_parent"
24             android:layout_height="wrap_content"
25             android:layout_marginTop="16dp"
26             android:gravity="center_horizontal"
27             android:text="Radio Button simple"
28             android:textSize="22dp" />
29
30         <RadioButton
31             android:id="@+id/radiobutton1"
32             android:layout_width="fill_parent"
33             android:layout_height="wrap_content"
34             android:layout_gravity="center_horizontal"
```



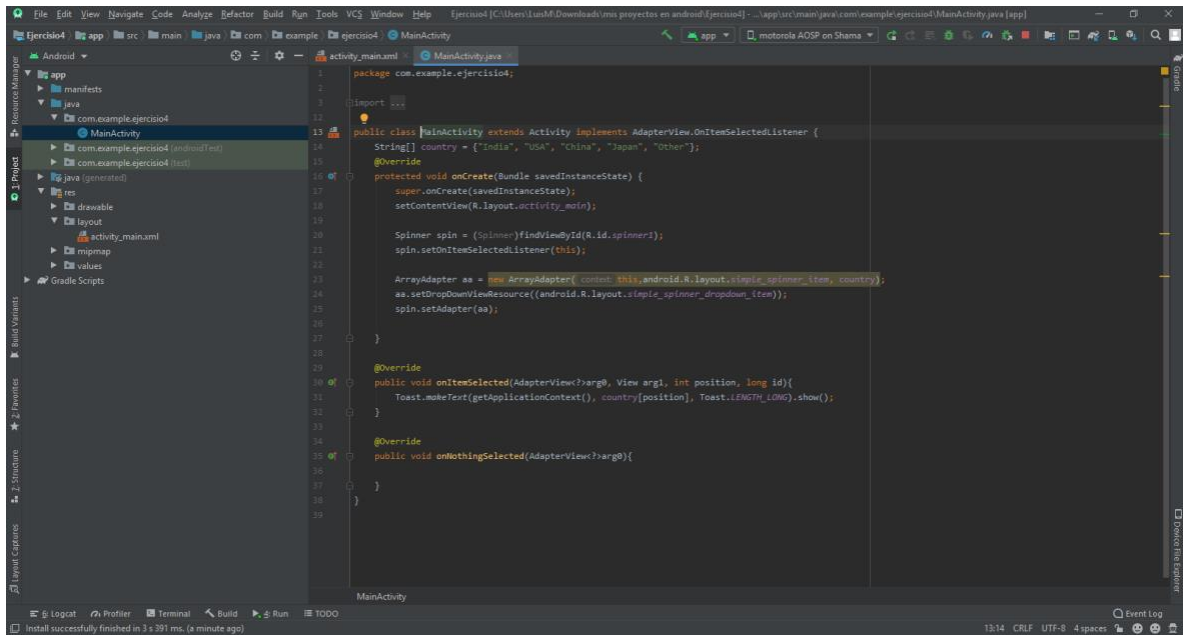
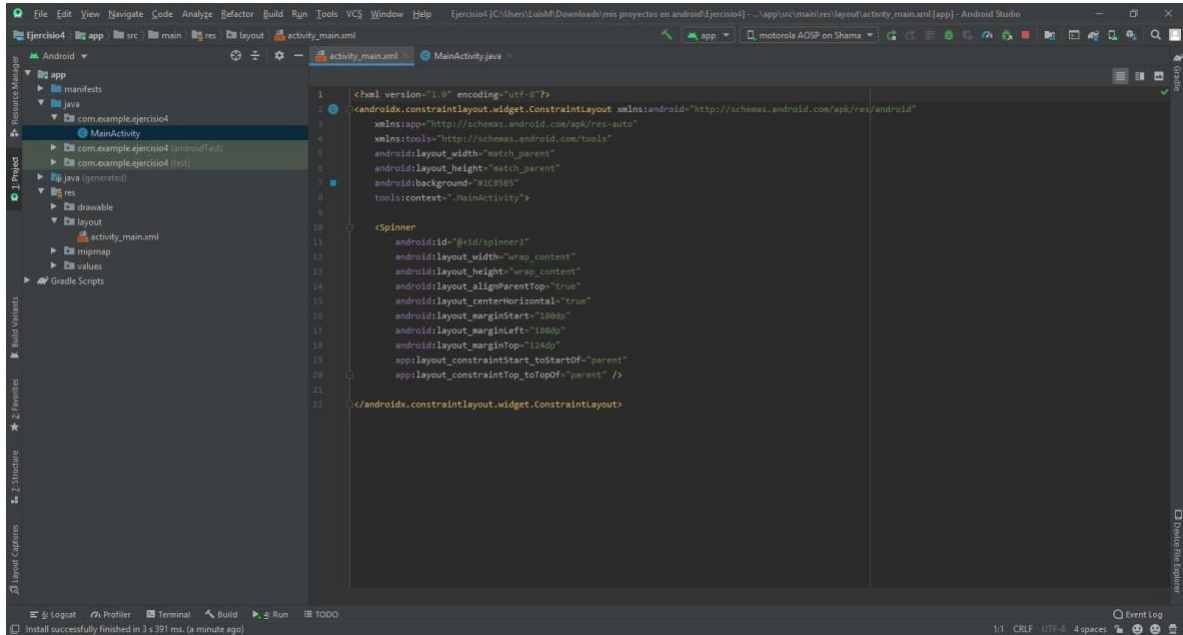
```
1 package com.example.ejercicio3;
2
3 import androidx.appcompat.app.AppCompatActivity;
4
5 public class MainActivity extends AppCompatActivity {
6
7     Button button;
8     RadioButton generoRadio;
9     RadioGroup radioGroup;
10
11     @Override
12     protected void onCreate(Bundle savedInstanceState) {
13         super.onCreate(savedInstanceState);
14         setContentView(R.layout.activity_main);
15         radioGroup = (RadioGroup) findViewById(R.id.radioGroup);
16
17     }
18
19     public void onClickButtonMethod(View v) {
20         int selectedId = radioGroup.getCheckedRadioButtonId();
21         generoRadio = (RadioButton) findViewById(selectedId);
22         if (selectedId == -1) {
23             Toast.makeText(getApplicationContext(), "No ha seleccionado nada", Toast.LENGTH_SHORT).show();
24         } else {
25             Toast.makeText(getApplicationContext(), generoRadio.getText(), Toast.LENGTH_SHORT).show();
26         }
27     }
28 }
```

Ejercicio 4

App:

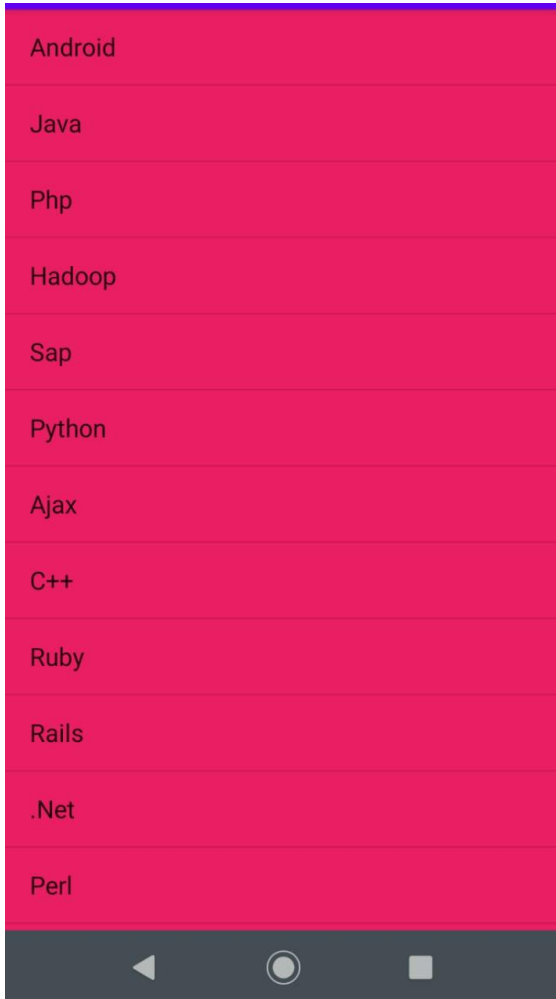


Código:

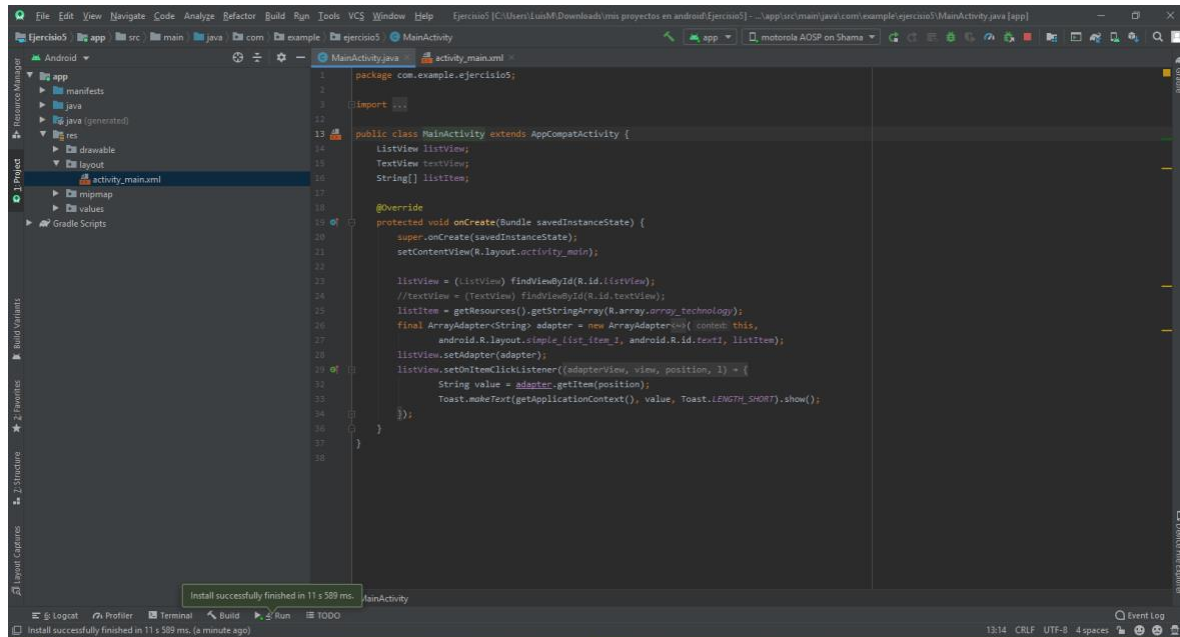


Ejercicio 5

App:



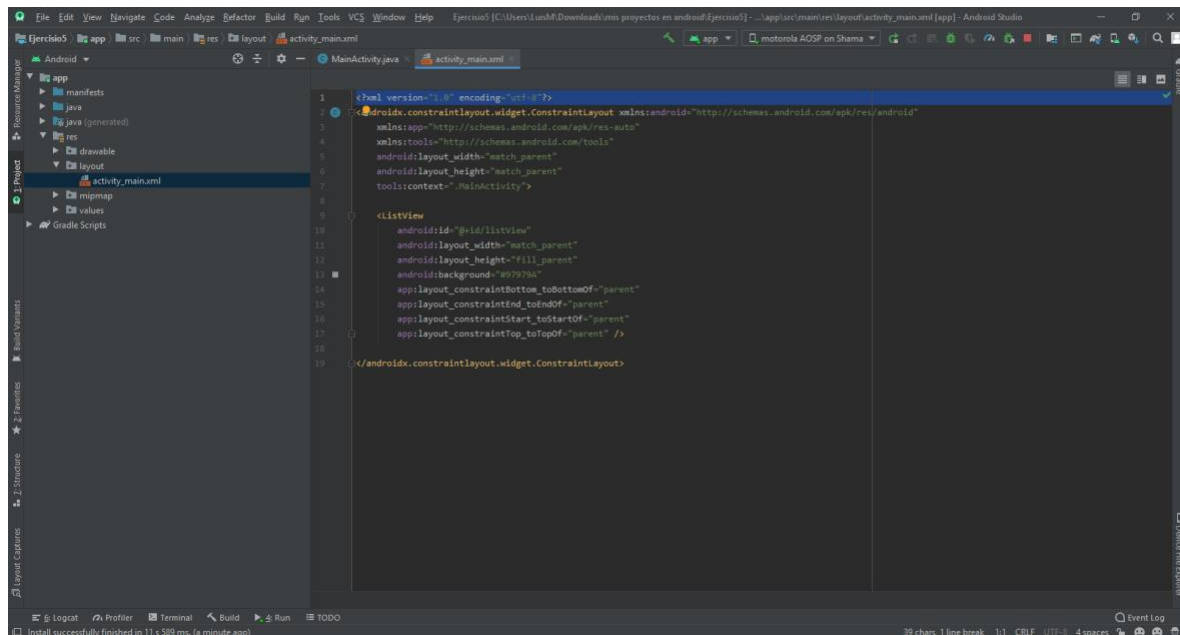
código:



The screenshot shows the MainActivity.java file in an Android Studio project. The code defines a MainActivity class that extends AppCompatActivity. It includes a ListView, a TextView, and an array of strings. The onCreate method initializes the UI, sets the content view, finds the ListView, sets an adapter, and sets an item click listener. A toast message is shown when an item is clicked.

```
1 package com.example.ejercicio5;
2
3 import androidx.appcompat.app.AppCompatActivity;
4
5 import android.os.Bundle;
6 import android.widget.AdapterView;
7 import android.widget.AdapterView.OnItemClickListener;
8 import android.widget.ArrayAdapter;
9 import android.widget.ListView;
10 import android.widget.TextView;
11
12 public class MainActivity extends AppCompatActivity {
13     ListView listView;
14     TextView textView;
15     String[] listitem;
16
17     @Override
18     protected void onCreate(Bundle savedInstanceState) {
19         super.onCreate(savedInstanceState);
20         setContentView(R.layout.activity_main);
21
22         listView = (ListView) findViewById(R.id.listView);
23         //textView = (TextView) findViewById(R.id.textView);
24         listitem = getResources().getStringArray(R.array.array_tecnologia);
25         final ArrayAdapter<String> adapter = new ArrayAdapter<String>(this,
26             android.R.layout.simple_list_item_1, android.R.id.text1, listitem);
27         listView.setAdapter(adapter);
28         listView.setOnItemClickListener((adapterView, view, position, i) -> {
29             String value = adapter.getItem(position);
30             Toast.makeText(getApplicationContext(), value, Toast.LENGTH_SHORT).show();
31         });
32     }
33 }
34
35
36
37
38
```

Install successfully finished in 11 s 589 ms.



The screenshot shows the activity_main.xml layout file in an Android Studio project. The layout is a ConstraintLayout containing a single ListView. The ListView is configured with various attributes including id, width, height, background, and constraints.






```
1 <?xml version="1.0" encoding="utf-8"?>
2 <androidx.constraintlayout.widget.ConstraintLayout xmlns:android="http://schemas.android.com/apk/res/android"
3     xmlns:app="http://schemas.android.com/apk/res-auto"
4     xmlns:tools="http://schemas.android.com/tools"
5     android:layout_width="match_parent"
6     android:layout_height="match_parent"
7     tools:context=".MainActivity">
8
9     <ListView
10         android:id="@+id/listview"
11         android:layout_width="match_parent"
12         android:layout_height="match_parent"
13         android:background="@color/white"
14         app:layout_constraintBottom_toBottomOf="parent"
15         app:layout_constraintEnd_toEndOf="parent"
16         app:layout_constraintStart_toStartOf="parent"
17         app:layout_constraintTop_toTopOf="parent" />
18
19 </androidx.constraintlayout.widget.ConstraintLayout>

```

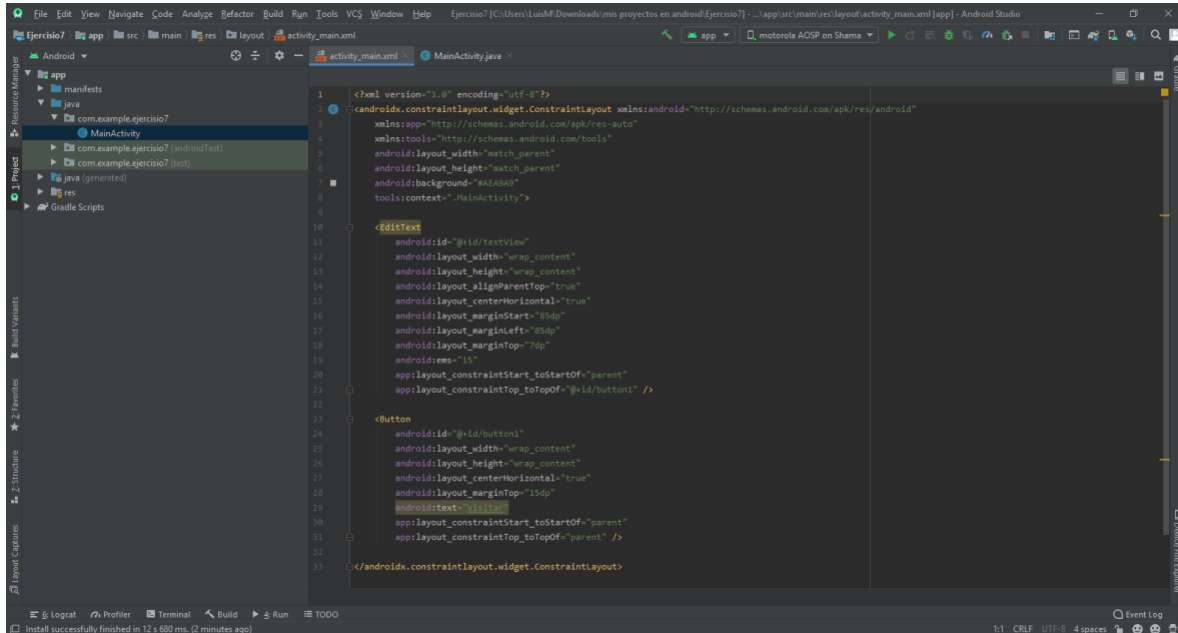
Install successfully finished in 11 s 589 ms (a minute ago).

Ejercicio 7

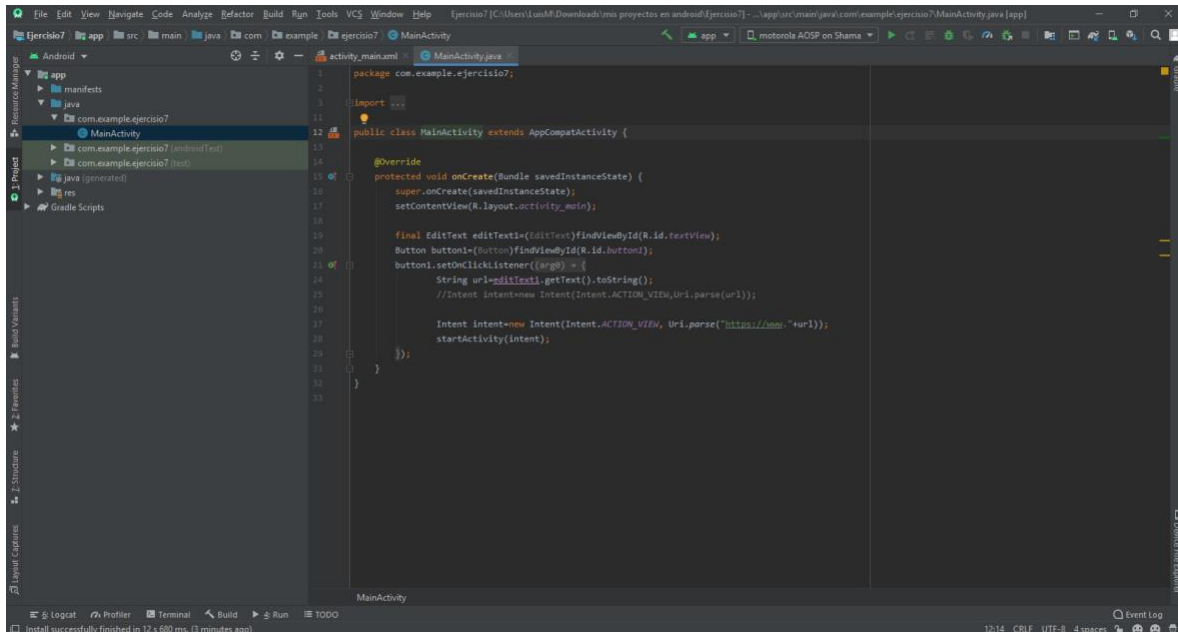
App:

	Whatsapp Sub Titulo 1
	Instagram Sub Titulo 2
	Twitter Sub Titulo 3
	Tik tok Sub Titulo 4
	Facebook Sub Titulo 5

Código:



```
1 <?xml version="1.0" encoding="utf-8"?>
2 <androidx.constraintlayout.widget.ConstraintLayout xmlns:android="http://schemas.android.com/apk/res/android"
3     xmlns:app="http://schemas.android.com/apk/res-auto"
4     xmlns:tools="http://schemas.android.com/tools"
5     android:layout_width="match_parent"
6     android:layout_height="match_parent"
7     android:background="@color/white"
8     tools:context=".MainActivity">
9
10    <EditText
11        android:id="@+id/textView"
12        android:layout_width="wrap_content"
13        android:layout_height="wrap_content"
14        android:layout_alignParentTop="true"
15        android:layout_centerHorizontal="true"
16        android:layout_marginStart="85dp"
17        android:layout_marginLeft="85dp"
18        android:layout_marginTop="76dp"
19        android:lines="1"
20        app:layout_constraintStart_toStartOf="parent"
21        app:layout_constraintTop_toTopOf="parent" />
22
23    <Button
24        android:id="@+id/button1"
25        android:layout_width="wrap_content"
26        android:layout_height="wrap_content"
27        android:layout_centerHorizontal="true"
28        android:layout_marginTop="15dp"
29        android:text="¡¡¡¡¡"
30        app:layout_constraintStart_toStartOf="parent"
31        app:layout_constraintTop_toTopOf="parent" />
32
33 </androidx.constraintlayout.widget.ConstraintLayout>
```



```
1 package com.example.ejercicio7;
2
3 import androidx.appcompat.app.AppCompatActivity;
4
5 public class MainActivity extends AppCompatActivity {
6
7     @Override
8     protected void onCreate(Bundle savedInstanceState) {
9         super.onCreate(savedInstanceState);
10         setContentView(R.layout.activity_main);
11
12         final EditText editText=(EditText)findViewById(R.id.textView);
13         Button button=(Button)findViewById(R.id.button1);
14         button.setOnClickListener(new View.OnClickListener() {
15             @Override
16             public void onClick(View view) {
17                 String url=editText.getText().toString();
18                 //Intent intent=new Intent(Intent.ACTION_VIEW,Uri.parse(url));
19
20                 Intent intent=new Intent(Intent.ACTION_VIEW, Uri.parse("https://www."+url));
21                 startActivity(intent);
22             }
23         });
24     }
25 }
```