

1. Realizar una APK para la consulta de productos, tal cual lo indica el archivo de referencia.

activity_main.xml

```
<LinearLayout xmlns:android="http://schemas.android.com/apk/res/android"
    xmlns:tools="http://schemas.android.com/tools"
    android:id="@+id/LinearLayout1"
    android:layout_width="match_parent"
    android:layout_height="match_parent"
    android:orientation="vertical"
    android:paddingBottom="@dimen/activity_vertical_margin"
    android:paddingLeft="@dimen/activity_horizontal_margin"
    android:paddingRight="@dimen/activity_horizontal_margin"
    android:paddingTop="@dimen/activity_vertical_margin"
    tools:context="com.example.consultaproductos.MainActivity" >

    <LinearLayout
        android:layout_width="match_parent"
        android:layout_height="wrap_content" >

        <TextView
            android:id="@+id/textView1"
            android:layout_width="wrap_content"
            android:layout_height="wrap_content"
            android:text="Cod.Prod:" />

        <EditText
            android:id="@+id/editText1"
            android:layout_width="wrap_content"
            android:layout_height="wrap_content"
            android:layout_weight="1"
            android:ems="10" >

            <requestFocus />
        </EditText>

    </LinearLayout>

    <Button
        android:id="@+id/button1"
        android:layout_width="wrap_content"
        android:layout_height="wrap_content"
```

```
android:onClick="find"  
android:text="BUSCAR" />
```

```
<LinearLayout
```

```
    android:layout_width="match_parent"  
    android:layout_height="wrap_content" >
```

```
    <TextView
```

```
        android:id="@+id/textView2"  
        android:layout_width="wrap_content"  
        android:layout_height="wrap_content"  
        android:text="Des:" />
```

```
    <EditText
```

```
        android:id="@+id/editText2"  
        android:layout_width="wrap_content"  
        android:layout_height="wrap_content"  
        android:layout_weight="1"  
        android:ems="10" />
```

```
</LinearLayout>
```

```
<LinearLayout
```

```
    android:layout_width="match_parent"  
    android:layout_height="wrap_content" >
```

```
    <TextView
```

```
        android:id="@+id/textView3"  
        android:layout_width="wrap_content"  
        android:layout_height="wrap_content"  
        android:text="Und:" />
```

```
    <EditText
```

```
        android:id="@+id/editText3"  
        android:layout_width="wrap_content"  
        android:layout_height="wrap_content"  
        android:layout_weight="1"  
        android:ems="10" />
```

```
</LinearLayout>
```

```
<LinearLayout
```

```
    android:layout_width="match_parent"  
    android:layout_height="wrap_content" >
```

```
    <TextView
```

```
        android:id="@+id/textView4"  
        android:layout_width="wrap_content"  
        android:layout_height="wrap_content"  
        android:text="UxE:" />
```

```
<EditText
    android:id="@+id/editText4"
    android:layout_width="match_parent"
    android:layout_height="wrap_content"
    android:layout_weight="1"
    android:ems="10" />
```

```
</LinearLayout>
```

```
<LinearLayout
    android:layout_width="match_parent"
    android:layout_height="wrap_content" >
```

```
<TextView
    android:id="@+id/textView5"
    android:layout_width="wrap_content"
    android:layout_height="wrap_content"
    android:text="Tipo:" />
```

```
<EditText
    android:id="@+id/editText5"
    android:layout_width="wrap_content"
    android:layout_height="wrap_content"
    android:layout_weight="1"
    android:ems="10" />
```

```
</LinearLayout>
```

```
<LinearLayout
    android:layout_width="match_parent"
    android:layout_height="wrap_content" >
```

```
<TextView
    android:id="@+id/textView6"
    android:layout_width="wrap_content"
    android:layout_height="wrap_content"
    android:text="Exis:" />
```

```
<EditText
    android:id="@+id/editText6"
    android:layout_width="wrap_content"
    android:layout_height="wrap_content"
    android:layout_weight="1"
    android:ems="10" />
```

```
</LinearLayout>
```

```
<Button
    android:id="@+id/button2"
```

```
        android:layout_width="wrap_content"
        android:layout_height="wrap_content"
        android:onClick="clean"
        android:text="LIMPIAR" />
```

```
</LinearLayout>
```

AndroidManifest.xml

```
<?xml version="1.0" encoding="utf-8"?>
<manifest xmlns:android="http://schemas.android.com/apk/res/android"
    package="com.example.consultaproductos"
    android:versionCode="1"
    android:versionName="1.0" >

    <uses-sdk
        android:minSdkVersion="14"
        android:targetSdkVersion="14" />
    <uses-permission android:name="android.permission.WRITE_EXTERNAL_STORAGE"/>
    <uses-permission android:name="android.permission.READ_EXTERNAL_STORAGE"/>

    <application
        android:allowBackup="true"
        android:icon="@drawable/ic_launcher"
        android:label="@string/app_name"
        android:theme="@style/AppTheme" >
        <activity
            android:name=".MainActivity"
            android:label="@string/app_name" >
            <intent-filter>
                <action android:name="android.intent.action.MAIN" />

                <category android:name="android.intent.category.LAUNCHER" />
            </intent-filter>
        </activity>
    </application>

</manifest>
```

MainActivity.java

```
package com.example.consultaproductos;

import java.io.BufferedReader;
import java.io.File;
import java.io.FileReader;
import java.io.IOException;

import android.app.Activity;
```

```

import android.os.Bundle;
import android.os.Environment;
import android.view.Menu;
import android.view.MenuItem;
import android.view.View;
import android.widget.EditText;
import android.widget.Toast;

public class MainActivity extends Activity {

    protected void onCreate(Bundle savedInstanceState) {
        super.onCreate(savedInstanceState);
        setContentView(R.layout.activity_main);
    }

    public boolean onCreateOptionsMenu(Menu menu) {
        // Inflate the menu; this adds items to the action bar if it is present.
        getMenuInflater().inflate(R.menu.main, menu);
        return true;
    }

    public boolean onOptionsItemSelected(MenuItem item) {
        // Handle action bar item clicks here. The action bar will
        // automatically handle clicks on the Home/Up button, so long
        // as you specify a parent activity in AndroidManifest.xml.
        int id = item.getItemId();
        if (id == R.id.action_settings) {
            return true;
        }
        return super.onOptionsItemSelected(item);
    }

    public void find(View v) {
        EditText edit1 = (EditText) findViewById(R.id.editText1);
        EditText edit2 = (EditText) findViewById(R.id.editText2);
        EditText edit3 = (EditText) findViewById(R.id.editText3);
        EditText edit4 = (EditText) findViewById(R.id.editText4);
        EditText edit5 = (EditText) findViewById(R.id.editText5);
        EditText edit6 = (EditText) findViewById(R.id.editText6);

        String estado = Environment.getExternalStorageState();
        if (!estado.equals(Environment.MEDIA_MOUNTED)) {
            Toast.makeText(this, "No hay memoria SD card",
Toast.LENGTH_LONG).show();
            finish();
        }
        File dir = Environment.getExternalStorageDirectory();
        File pt = new File(dir.getAbsolutePath() + File.separator + "productos.txt");
        try {
            BufferedReader lector = new BufferedReader(new FileReader(pt));

```

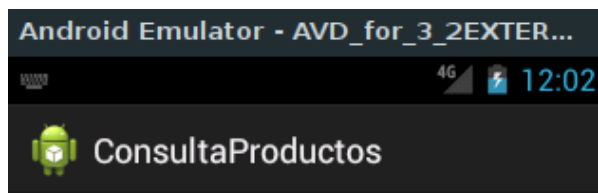
```

        String linea;
        boolean sw = true;
        while ((linea = lector.readLine()) != null) {
            linea += ",";
            String arr[] = linea.split(",");
            if (arr[0].equals(edit1.getText().toString())) {
                edit2.setText(arr[1]);
                edit3.setText(arr[2]);
                edit4.setText(arr[3]);
                edit5.setText(arr[4]);
                edit6.setText(arr[5]);
                sw = false;
            }
        }
        lector.close();
        if (sw)
            Toast.makeText(this, "No encontrado", Toast.LENGTH_LONG).show();
    } catch (IOException e) {
        Toast.makeText(this, e.getMessage(), Toast.LENGTH_LONG).show();
    }
}

public void clean(View v) {
    EditText edit1 = (EditText) findViewById(R.id.editText1);
    EditText edit2 = (EditText) findViewById(R.id.editText2);
    EditText edit3 = (EditText) findViewById(R.id.editText3);
    EditText edit4 = (EditText) findViewById(R.id.editText4);
    EditText edit5 = (EditText) findViewById(R.id.editText5);
    EditText edit6 = (EditText) findViewById(R.id.editText6);
    edit1.setText("");
    edit2.setText("");
    edit3.setText("");
    edit4.setText("");
    edit5.setText("");
    edit6.setText("");
}
}

```

Capturas de Pantalla



Cod.Prod:

BUSCAR

Des:

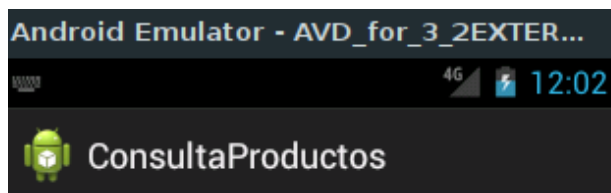
Und:

UxE:

Tipo:

Exis:

LIMPIAR



Cod.Prod:

BUSCAR

Des:

Und:

UxE:

Tipo:

Exis:

LIMPIAR