

1. Realizar una APK para la consulta a planilla, 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/LinearLayout2"
    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.consultaplanilla.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="Nro de Carnet"
            android:textSize="12sp" />

        <EditText
            android:id="@+id/editText1"
            android:layout_width="wrap_content"
            android:layout_height="wrap_content"
            android:textSize="12sp"
            android:layout_weight="1" >

            <requestFocus />
        </EditText>

    </LinearLayout>

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

```
<Button
    android:id="@+id/button1"
    android:layout_width="wrap_content"
    android:layout_height="wrap_content"
    android:onClick="query"
    android:text="Consultar" />
```

```
<Button
    android:id="@+id/button2"
    android:layout_width="wrap_content"
    android:layout_height="wrap_content"
    android:onClick="clean"
    android:text="Limpiar" />
```

```
</LinearLayout>
```

```
<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:textSize="12sp"
    android:text="Paterno" />
```

```
<EditText
    android:id="@+id/editText2"
    android:layout_width="wrap_content"
    android:layout_height="wrap_content"
    android:textSize="12sp"
    android:layout_weight="1" />
```

```
</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:textSize="12sp"
    android:text="Materno" />
```

```
<EditText
    android:id="@+id/editText3"
    android:layout_width="wrap_content"
```

```
        android:layout_height="wrap_content"
        android:textSize="12sp"
        android:layout_weight="1" />
```

```
</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:textSize="12sp"
        android:text="Nombre" />
```

```
    <EditText
```

```
        android:id="@+id/editText4"
        android:layout_width="wrap_content"
        android:layout_height="wrap_content"
        android:textSize="12sp"
        android:layout_weight="1" />
```

```
</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:textSize="12sp"
        android:text="Cargo" />
```

```
    <EditText
```

```
        android:id="@+id/editText5"
        android:layout_width="wrap_content"
        android:layout_height="wrap_content"
        android:textSize="12sp"
        android:layout_weight="1" />
```

```
</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:textSize="12sp"
    android:text="Basico" />
```

```
<EditText
    android:id="@+id/editText6"
    android:layout_width="wrap_content"
    android:layout_height="wrap_content"
    android:textSize="12sp"
    android:layout_weight="1" />
```

```
</LinearLayout>
```

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

```
<TextView
    android:id="@+id/textView7"
    android:layout_width="wrap_content"
    android:layout_height="wrap_content"
    android:textSize="12sp"
    android:text="Total Bonos" />
```

```
<EditText
    android:id="@+id/editText7"
    android:layout_width="wrap_content"
    android:layout_height="wrap_content"
    android:textSize="12sp"
    android:layout_weight="1" />
```

```
</LinearLayout>
```

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

```
<TextView
    android:id="@+id/textView8"
    android:layout_width="wrap_content"
    android:layout_height="wrap_content"
    android:textSize="12sp"
    android:text="Total Desc." />
```

```
<EditText
    android:id="@+id/editText8"
    android:layout_width="wrap_content"
```

```
        android:layout_height="wrap_content"
        android:textSize="12sp"
        android:layout_weight="1" />
```

```
</LinearLayout>
```

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

```
    <TextView
        android:id="@+id/textView9"
        android:layout_width="wrap_content"
        android:layout_height="wrap_content"
        android:textSize="12sp"
        android:text="Liq. Pagable" />
```

```
    <EditText
        android:id="@+id/editText9"
        android:layout_width="wrap_content"
        android:layout_height="wrap_content"
        android:textSize="12sp"
        android:layout_weight="1" />
```

```
</LinearLayout>
```

```
</LinearLayout>
```

## AndroidManifest.xml

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

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 {

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

    @Override
    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;
    }

    @Override

```

```

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 query(View v) {
    EditText edit1 = (EditText) findViewById(R.id.editText1);
    EditText edit6 = (EditText) findViewById(R.id.editText6);
    EditText edit7 = (EditText) findViewById(R.id.editText7);
    EditText edit8 = (EditText) findViewById(R.id.editText8);
    EditText edit9 = (EditText) findViewById(R.id.editText9);
    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);

    edit2.setText("");
    edit3.setText("");
    edit4.setText("");
    edit5.setText("");
    edit6.setText("");
    edit7.setText("");
    edit8.setText("");
    edit9.setText("");

    String ci = edit1.getText().toString();

    if (queryDatos(ci)) {
        queryCargoBasico(ci);
        queryBonos(ci);
        queryDescuentos(ci);
        int basico = Integer.parseInt(edit6.getText().toString());
        int bono = Integer.parseInt(edit7.getText().toString());
        int descuento = Integer.parseInt(edit8.getText().toString());
        int pagable = basico + bono - descuento;
        edit9.setText("" + pagable);
    }
}

public boolean queryDatos(String s) {

    String a[] = { "", "", "" };

    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 + "personal.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(s)) {
                    sw = false;
                    a = arr;
                    break;
                }
            }
            lector.close();
            if (sw) {
                Toast.makeText(this, "personal no encontrado",
Toast.LENGTH_LONG).show();
                return false;
            }

        } catch (IOException e) {
            Toast.makeText(this, e.getMessage(), Toast.LENGTH_LONG).show();
        }
        EditText edit2 = (EditText) findViewById(R.id.editText2);
        EditText edit3 = (EditText) findViewById(R.id.editText3);
        EditText edit4 = (EditText) findViewById(R.id.editText4);
        edit2.setText(a[1]);
        edit3.setText(a[2]);
        edit4.setText(a[3]);
        return true;
    }

    public void queryBonos(String s) {
        int ans = 0;

        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 + "bonos.txt");
try {
    BufferedReader lector = new BufferedReader(new FileReader(pt));
    String linea;
    while ((linea = lector.readLine()) != null) {
        linea += ";";
        String arr[] = linea.split(";");
        if (arr[1].equals(s)) {
            ans += Integer.parseInt(arr[2]);
        }
    }
    lector.close();

} catch (IOException e) {
    Toast.makeText(this, e.getMessage(), Toast.LENGTH_LONG).show();
}
EditText edit7 = (EditText) findViewById(R.id.editText7);
edit7.setText(Integer.toString(ans));

}

public void queryDescuentos(String s) {
    int ans = 0;

    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 + "descuentos.txt");
    try {
        BufferedReader lector = new BufferedReader(new FileReader(pt));
        String linea;
        while ((linea = lector.readLine()) != null) {
            linea += ";";
            String arr[] = linea.split(";");
            if (arr[1].equals(s)) {
                ans += Integer.parseInt(arr[2]);
            }
        }
        lector.close();

    } catch (IOException e) {
        Toast.makeText(this, e.getMessage(), Toast.LENGTH_LONG).show();
    }
    EditText edit8 = (EditText) findViewById(R.id.editText8);
    edit8.setText(Integer.toString(ans));
}

```

```

    }

    public void queryCargoBasico(String s) {
        String ans = "";
        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 + "planilla.txt");
        try {
            BufferedReader lector = new BufferedReader(new FileReader(pt));
            String linea;
            while ((linea = lector.readLine()) != null) {
                linea += ",";
                String arr[] = linea.split(",");
                if (arr[1].equals(s)) {
                    ans = arr[2];
                    break;
                }
            }
            lector.close();

        } catch (IOException e) {
            Toast.makeText(this, e.getMessage(), Toast.LENGTH_LONG).show();
        }
        EditText edit5 = (EditText) findViewById(R.id.editText5);
        EditText edit6 = (EditText) findViewById(R.id.editText6);
        String tmp[] = queryCargos(ans);

        edit5.setText(tmp[0]);
        edit6.setText(tmp[1]);

    }

    public String[] queryCargos(String s) {
        String ans[] = { "", "" };
        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 + "cargos.txt");
        try {
            BufferedReader lector = new BufferedReader(new FileReader(pt));
            String linea;

```

```

        while ((linea = lector.readLine()) != null) {
            linea += ";";
            String arr[] = linea.split(";");
            if (arr[0].equals(s)) {
                ans[0] = arr[1];
                ans[1] = arr[2];
                break;
            }
        }
        lector.close();

    } catch (IOException e) {
        Toast.makeText(this, e.getMessage(), Toast.LENGTH_LONG).show();
    }

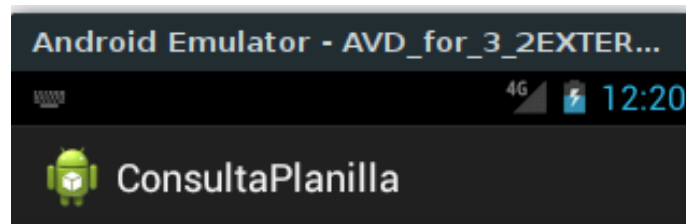
    return ans;
}

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);
    EditText edit7 = (EditText) findViewById(R.id.editText7);
    EditText edit8 = (EditText) findViewById(R.id.editText8);
    EditText edit9 = (EditText) findViewById(R.id.editText9);

    edit1.setText("");
    edit2.setText("");
    edit3.setText("");
    edit4.setText("");
    edit5.setText("");
    edit6.setText("");
    edit7.setText("");
    edit8.setText("");
    edit9.setText("");
}
}

```

## Capturas de Pantalla



Nro de Carnet

Paterno

Materno

Nombre

Cargo

Basico

Total Bonos

Total Desc.