



UNIVERSIDAD DE COLIMA

Universidad de Colima

Facultad de Telemática

Ingeniería de software

Programación de Móviles

Examen segundo parcial – INDIVIDUAL

Segunda parcial

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5°D

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bg_rounded.xml

```
<shape xmlns:android="http://schemas.android.com/apk/res/android">
    <stroke
        android:width="3dp"
        android:color="#E91E63" />
    <solid android:color="#F7F6F6" />
    <corners
        android:radius="5dp"
        android:topRightRadius="24dp"
        android:bottomLeftRadius="24dp" />
</shape>
```

botonredondeado.xml

```
<shape xmlns:android="http://schemas.android.com/apk/res/android">
    <stroke
        android:width="3dp"
        android:color="#F76897" />
    <solid android:color="#E91E63" />
    <corners
        android:radius="5dp"
        android:topRightRadius="24dp"
        android:topLeftRadius="24dp"
        android:bottomLeftRadius="24dp"
        android:bottomRightRadius="24dp" />
</shape>
```

Activity_main.xml

```
<?xml version="1.0" encoding="utf-8"?>
<androidx.constraintlayout.widget.ConstraintLayout
    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">

    <LinearLayout
        android:layout_width="match_parent"
        android:layout_height="match_parent"
        android:background="#FFFF"
        android:orientation="vertical" >

        <TextView
            android:id="@+id/textView"
            android:background="#E91E63"
            android:textColor="#ffff"
            android:textAlignment="center"
            android:layout_width="match_parent"
            android:gravity="center"
            android:layout_height="80dp"
            android:text="Iniciar Sesión"
            android:textAppearance="@style/TextAppearance.AppCompat.Large" />

        <ImageView
```

```
        android:id="@+id/imageView"
        android:layout_width="150dp"
        android:layout_height="200dp"
        android:layout_gravity="center"
        android:paddingTop="15dp"

        app:srcCompat="@drawable/usuario" />
```

<EditText

```
        android:id="@+id/editText"
        android:layout_width="match_parent"
        android:layout_height="wrap_content"
        android:layout_gravity="center"
        android:layout_margin="30dp"
        android:background="@drawable/bg_rounded"
        android:ems="10"
        android:gravity="center"
        android:hint="USUARIO"
        android:inputType="textPersonName"
        android:padding="15dp"
        android:textAppearance="@style/TextAppearance.AppCompat.Medium" />
```

<EditText

```
        android:id="@+id/editText2"
        android:layout_width="match_parent"
        android:layout_height="wrap_content"
        android:layout_gravity="center"
        android:layout_marginLeft="30dp"
        android:layout_marginRight="30dp"
        android:background="@drawable/bg_rounded"
        android:ems="10"
        android:gravity="center"
        android:hint="CONTRASEÑA"
        android:inputType="textPassword"
        android:padding="15dp"
        android:textAppearance="@style/TextAppearance.AppCompat.Medium" />
```

<CheckBox

```
        android:id="@+id/checkBox"
        android:layout_width="wrap_content"
        android:layout_height="wrap_content"
        android:layout_marginLeft="30dp"
        android:layout_marginTop="20dp"
        android:layout_marginRight="30dp"
        android:layout_marginBottom="20dp"
        android:gravity="right"
        android:text="Recordarme"
        android:textAppearance="@style/TextAppearance.AppCompat.Medium"
        android:textColor="#E91E63" />
```

<Button

```
        android:id="@+id/button"
        android:layout_width="match_parent"
        android:layout_height="wrap_content"
        android:layout_marginLeft="30dp"
```

```

        android:layout_marginRight="30dp"
        android:background="@drawable/botonredondeado"
        android:bottomLeftRadius="10dp"
        android:bottomRightRadius="10dp"
        android:text="ENTRAR"
        android:textAppearance="@style/TextAppearance.AppCompat.Medium"
        android:textColor="#ffff"
        android:topLeftRadius="10dp"
        android:topRightRadius="10dp" />

<Button
    android:id="@+id/button2"
    android:layout_width="match_parent"
    android:layout_height="wrap_content"
    android:layout_marginLeft="30dp"
    android:layout_marginTop="10dp"
    android:layout_marginRight="30dp"
    android:background="@drawable/botonredondeado"
    android:bottomLeftRadius="10dp"
    android:bottomRightRadius="10dp"
    android:text="REGISTRATE"
    android:textAppearance="@style/TextAppearance.AppCompat.Medium"
    android:textColor="#ffff"
    android:topLeftRadius="10dp"
    android:topRightRadius="10dp" />

<ProgressBar
    android:id="@+id/progressBar1"
    style="?android:attr/progressBarStyle"
    android:layout_width="match_parent"
    android:layout_height="wrap_content"
    android:indeterminateOnly="true"
    android:keepScreenOn="true" />

</LinearLayout>

</androidx.constraintlayout.widget.ConstraintLayout>

```

Activity_registrarme.xml

```

<?xml version="1.0" encoding="utf-8"?>
<androidx.constraintlayout.widget.ConstraintLayout
    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=".Registrarme">
    <LinearLayout
        android:layout_width="match_parent"
        android:layout_height="match_parent"
        android:orientation="vertical">
        <TextView
            android:id="@+id/textView2"
            android:layout_width="match_parent"
            android:layout_height="80dp"

```

```

        android:background="#E91E63"
        android:gravity="center"
        android:text="Inicia tu registro"
        android:textAlignment="center"
        android:textAppearance="@style/TextAppearance.AppCompat.Large"
        android:textColor="#ffff" />
    <LinearLayout
        android:layout_width="match_parent"
        android:layout_height="match_parent"
        android:orientation="vertical"
        android:padding="30dp">
        <TextView
            android:id="@+id/textView3"
            android:layout_width="match_parent"
            android:layout_height="wrap_content"
            android:text="Nombre Completo"
            android:textAppearance="@style/TextAppearance.AppCompat.Medium"
        />

        <EditText
            android:id="@+id/nombreCompleto"
            android:layout_width="match_parent"
            android:layout_height="wrap_content"
            android:ems="10"
            android:inputType="textPersonName"
            android:textAppearance="@style/TextAppearance.AppCompat.Medium"
        />

        <TextView
            android:id="@+id/textView4"
            android:layout_width="match_parent"
            android:layout_height="wrap_content"
            android:text="Usuario"
            android:textAppearance="@style/TextAppearance.AppCompat.Medium"
        />

        <EditText
            android:id="@+id/usuario"
            android:layout_width="match_parent"
            android:layout_height="wrap_content"
            android:ems="10"
            android:inputType="textPersonName"
            android:textAppearance="@style/TextAppearance.AppCompat.Medium"
        />

        <TextView
            android:id="@+id/textView5"
            android:layout_width="match_parent"
            android:layout_height="wrap_content"
            android:text="Contraseña"
            android:textAppearance="@style/TextAppearance.AppCompat.Medium"
        />

        <EditText
            android:id="@+id/contrasena"
            android:layout_width="match_parent"
            android:layout_height="wrap_content"
            android:ems="10"
            android:inputType="textPassword"
            android:textAppearance="@style/TextAppearance.AppCompat.Medium"

```

```

/>
        <Button
            android:id="@+id/button3"
            android:layout_width="match_parent"
            android:layout_height="wrap_content"
            android:layout_marginLeft="30dp"
            android:layout_marginRight="30dp"
            android:layout_marginTop="10dp"
            android:textColor="#ffff"
            android:background="@drawable/botonredondeado"
            android:text="Registrar"
            android:textAppearance="@style/TextAppearance.AppCompat.Medium"
        />
    </LinearLayout>
</LinearLayout>

</androidx.constraintlayout.widget.ConstraintLayout>

```

Activity_inicio.xml

```

<?xml version="1.0" encoding="utf-8"?>
<androidx.constraintlayout.widget.ConstraintLayout
    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=".Inicio">

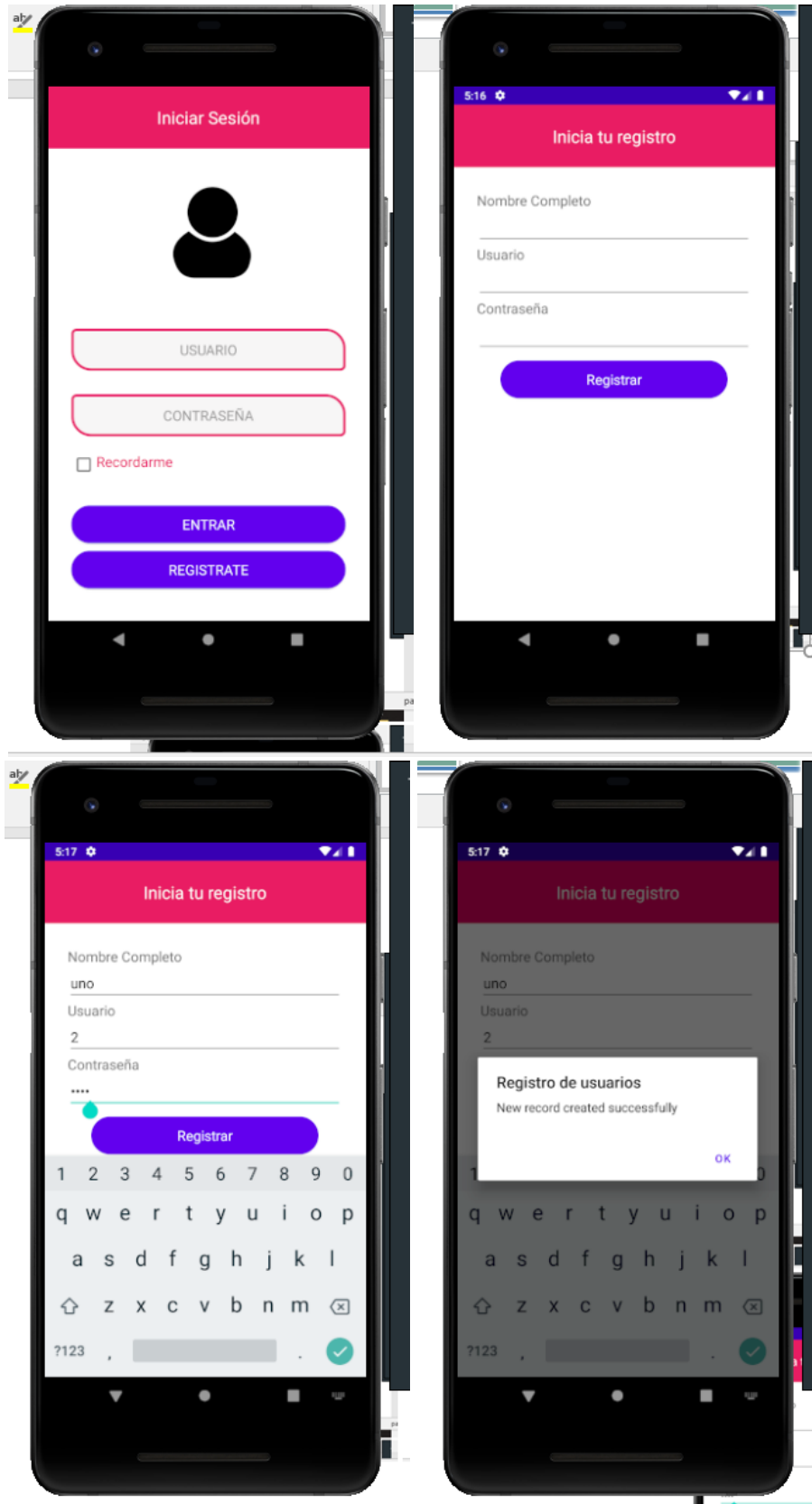
    <LinearLayout
        android:layout_width="match_parent"
        android:layout_height="match_parent"
        android:orientation="vertical">
        <TextView
            android:background="#E91E63"
            android:textColor="#ffff"
            android:textAlignment="center"
            android:layout_width="match_parent"
            android:gravity="center"
            android:layout_height="80dp"
            android:text="Menu principal"
            android:textAppearance="@style/TextAppearance.AppCompat.Large" />

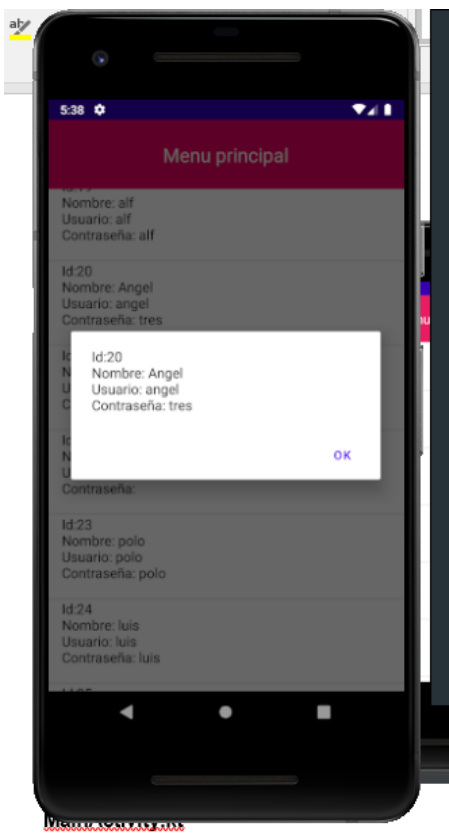
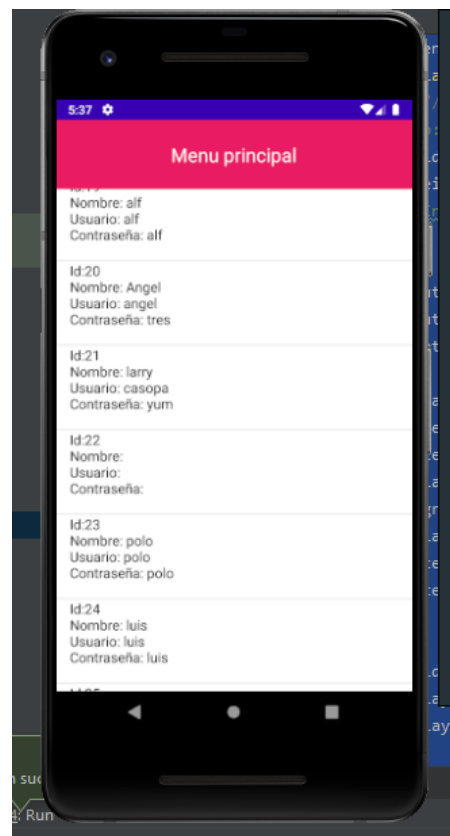
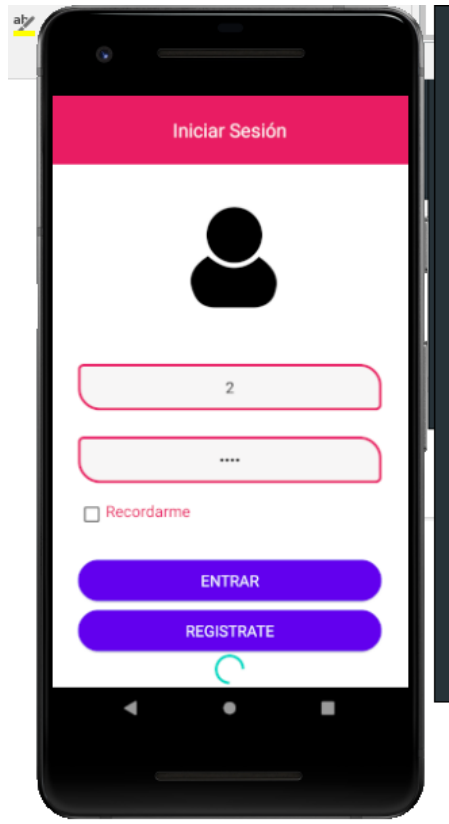
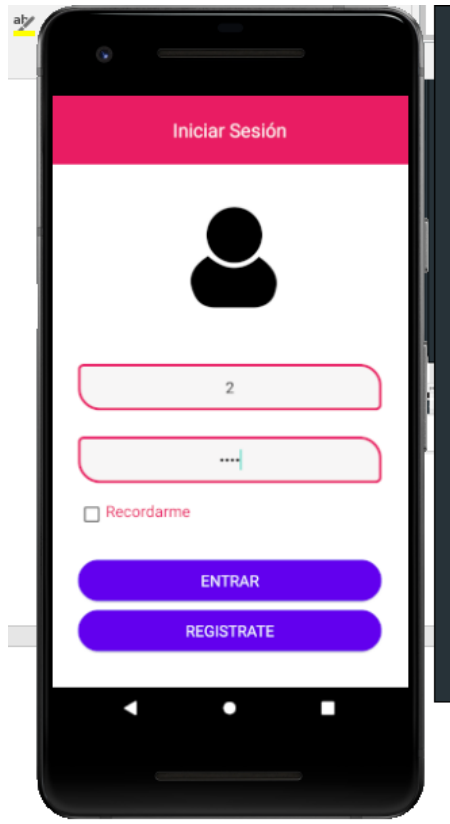
        <ListView
            android:id="@+id/list1"
            android:layout_width="match_parent"
            android:layout_height="match_parent" />
    </LinearLayout>

</androidx.constraintlayout.widget.ConstraintLayout>

```

Interfaz





MainActivity.kt

```
package com.example.peticioneshttp

import android.content.Context
import android.content.DialogInterface
import android.content.Intent
import androidx.appcompat.app.AppCompatActivity
import android.os.Bundle
import android.view.View
import android.view.Window
import android.view.WindowManager
import androidx.appcompat.app.AlertDialog
import com.android.volley.Response
import com.android.volley.Request
import com.android.volley.toolbox.StringRequest
import com.android.volley.toolbox.Volley
import kotlinx.android.synthetic.main.activity_main.*
import org.json.JSONArray
import org.json.JSONObject

class MainActivity : AppCompatActivity() {
    override fun onCreate(savedInstanceState: Bundle?) {
        super.onCreate(savedInstanceState)
        setContentView(R.layout.activity_main)

        window.setFlags(
            WindowManager.LayoutParams.FLAG_FULLSCREEN,
            WindowManager.LayoutParams.FLAG_FULLSCREEN)
        setContentView(R.layout.activity_main)

        //Ocultar la barra de acciones
        val actionBar = supportActionBar
        actionBar?.hide()
        //Acultrar la barra de progreso
        progressBar1.visibility= View.GONE

        //Cargar los datos del usuario
        val preferencias = getSharedPreferences("datos", Context.MODE_PRIVATE)
        editText.setText(preferencias.getString("usuario", ""))
        editText2.setText(preferencias.getString("contrasena", ""))
        //Si hay datos activar recordar
        if (preferencias.getString("usuario", "")!="")
            checkBox.isChecked=true

        //si pulsamos en el boton de registrar
        button2.setOnClickListener {
            val intento2= Intent(this,Registrarme::class.java)
            startActivity(intento2)
        }

        //Si pulsamos en el boton de entrar
        button.setOnClickListener {
            progressBar1.visibility= View.VISIBLE;
            // Instantiate the RequestQueue.
            val queue = Volley.newRequestQueue(this)
```

```

        val url: String =
"https://cursodemoviles.000webhostapp.com/logina.php?usuario=${editText.text}&co
ntrasena=${editText2.text}"
        //textView.text=url.toString()
        // Request a string response from the provided URL.
        val stringReq = StringRequest(Request.Method.GET, url,
            Response.Listener<String> { response ->
                progressBar1.visibility= View.GONE;
                var strResp = response.toString()
                val jsonObj: JSONObject = JSONObject(strResp)
                val jsonArray: JSONArray = jsonObj.getJSONArray("records")
                if (jsonArray.length()==0)
                {
                    Alerta("Usuarios","No esta registrado este usuario!")
                }
                else
                {
                    if(checkBox.isChecked)
                    {
                        val editor = preferencias.edit()
                        editor.putString("usuario",
editText.text.toString())
                        editor.putString("contrasena",
editText2.text.toString())
                        editor.commit()
                    }else
                    {
                        val editor = preferencias.edit()
                        editor.putString("usuario", "")
                        editor.putString("contrasena", "")
                        editor.commit()
                    }
                    val intento1 = Intent(this, Inicio::class.java)
                    startActivity(intento1)
                }
                /*var str_user: String = ""
                for (i in 0 until jsonArray.length()) {
                    var jsonInner: JSONObject = jsonArray.getJSONObject(i)
                    str_user = str_user + "\n" + jsonInner.get("usuario")
                }
                textView!!.text = "response : $str_user */
            },
            Response.ErrorListener {
                progressBar1.visibility= View.GONE;
                Alerta("Red","Problemas con el Internet")
            })
        queue.add(stringReq)
    }
}

fun Alerta(Titulo:String, Mensaje:String)
{
    val dialogBuilder = AlertDialog.Builder(this)
    // set message of alert dialog
    dialogBuilder.setMessage(Mensaje)

```

```

        // if the dialog is cancelable
        .setCancelable(false)
        // positive button text and action
        .setPositiveButton("OK", DialogInterface.OnClickListener {
            dialog, id -> dialog.cancel()
        })
    // create dialog box
    val alert = dialogBuilder.create()
    // set title for alert dialog box
    alert.setTitle(Titulo)
    // show alert dialog
    alert.show()
}
}

```

Registrarme.kt

```

package com.example.peticioneshttp

import android.content.DialogInterface
import androidx.appcompat.app.AppCompatActivity
import android.os.Bundle
import androidx.appcompat.app.AlertDialog
import com.android.volley.Request
import com.android.volley.Response
import com.android.volley.toolbox.StringRequest
import com.android.volley.toolbox.Volley
import kotlinx.android.synthetic.main.activity_registrarme.*

class Registrarme : AppCompatActivity() {
    override fun onCreate(savedInstanceState: Bundle?) {
        super.onCreate(savedInstanceState)
        setContentView(R.layout.activity_registrarme)

        //Ocultar la barra de acciones
        val actionBar = supportActionBar
        actionBar?.hide()

        //Acultar la barra de progreso
        button3.setOnClickListener {
            val queue = Volley.newRequestQueue(this)
            val url: String =
                "https://cursodemoviles.000webhostapp.com/agregar.php?usuario=${usuario.text}&co"
            ntrasena=${contrasena.text}&nombre=${nombreCompleto.text}"
            //textView.text=url.toString()

            // Request a string response from the provided URL.
            val stringReq = StringRequest(
                Request.Method.GET, url,
                Response.Listener<String> { response ->
                    var strResp = response.toString()
                    if (strResp=="")
                    {
                        Alerta("Usuarios","No se pudo registrar!")
                    }
                    else

```

```

        {
            val dialogBuilder = AlertDialog.Builder(this)
            // set message of alert dialog
            dialogBuilder.setMessage(strResp)
            // if the dialog is cancelable
            .setCancelable(false)
            // positive button text and action
            .setPositiveButton("OK",
DialogInterface.OnClickListener {
                dialog, id -> finish()
            })
            // create dialog box
            val alert = dialogBuilder.create()
            // set title for alert dialog box
            alert.setTitle("Registro de usuarios")
            // show alert dialog
            alert.show()
        }
    },
    Response.ErrorListener {
        Alerta("Red", "Problemas con el Internet")
    })
    queue.add(stringReq)
}
}
fun Alerta(Titulo:String, Mensaje:String)
{
    val dialogBuilder = AlertDialog.Builder(this)
    // set message of alert dialog
    dialogBuilder.setMessage(Mensaje)
    // if the dialog is cancelable
    .setCancelable(false)
    // positive button text and action
    .setPositiveButton("OK", DialogInterface.OnClickListener {
        dialog, id -> dialog.cancel()
    })
    // create dialog box
    val alert = dialogBuilder.create()
    // set title for alert dialog box
    alert.setTitle(Titulo)
    // show alert dialog
    alert.show()
}
}
}

```

Inicio.kt

```

package com.example.peticioneshttp

import android.content.DialogInterface
import androidx.appcompat.app.AppCompatActivity
import android.os.Bundle
import android.widget.ArrayAdapter
import androidx.appcompat.app.AlertDialog
import com.android.volley.Request
import com.android.volley.Response

```

```

import com.android.volley.toolbox.StringRequest
import com.android.volley.toolbox.Volley
import kotlinx.android.synthetic.main.activity_inicio.*
import kotlinx.android.synthetic.main.activity_main.*
import org.json.JSONArray
import org.json.JSONObject

class Inicio : AppCompatActivity() {
    override fun onCreate(savedInstanceState: Bundle?) {
        super.onCreate(savedInstanceState)
        setContentView(R.layout.activity_inicio)
        val actionBar = supportActionBar

        actionBar?.hide()

        val queue = Volley.newRequestQueue(this)
        val url: String = "https://cursodemoviles.000webhostapp.com/listar.php"

        val stringReq = StringRequest(
            Request.Method.GET, url,
            Response.Listener<String> { response ->
                var jsonArray = JSONArray(response)
                var usuarios= arrayOfNulls<String>(jsonArray.length())
                for(i in 0 until jsonArray.length()){
                    var jsonObject=JSONObject(jsonArray.getString(i))
                    var nombre=jsonObject.get("nombre")
                    var contra=jsonObject.get("contrasena")
                    var usuario=jsonObject.get("usuario")
                    var id=jsonObject.get("idPersona")
                    usuarios[i]="Id:${id}\nNombre: ${nombre}\nUsuario:
${usuario}\nContraseña: ${contra}\n"
                }
                val adaptador1 = ArrayAdapter<String>(this,
android.R.layout.simple_list_item_1, usuarios)
                list1.adapter = adaptador1

                list1.setOnItemClickListener {
                    adapterView, view, i, l ->
                    val dialogBuilder = AlertDialog.Builder(this)
                    // set message of alert dialog
                    dialogBuilder.setMessage(usuarios[i])
                    // if the dialog is cancelable
                    .setCancelable(false)
                    // positive button text and action
                    .setPositiveButton("OK",
DialogInterface.OnClickListener {
                        dialog, id -> finish()
                    })
                    // create dialog box
                    val alert = dialogBuilder.create()
                    // set title for alert dialog box
                    //alert.setTitle("Registro de usuarios")
                    // show alert dialog
                    alert.show()
                }
            }
        )
    }
}

```

```

        },
        Response.ErrorListener {
            Alerta("Red", "Problemas con el Internet")
        })
    queue.add(stringReq)
}
fun Alerta(Titulo:String, Mensaje:String)
{
    val dialogBuilder = AlertDialog.Builder(this)
    // set message of alert dialog
    dialogBuilder.setMessage(Mensaje)
    // if the dialog is cancelable
    .setCancelable(false)
    // positive button text and action
    .setPositiveButton("OK", DialogInterface.OnClickListener {
        dialog, id -> dialog.cancel()
    })
    // create dialog box
    val alert = dialogBuilder.create()
    // set title for alert dialog box
    alert.setTitle(Titulo)
    // show alert dialog
    alert.show()
}
}

```