



# Programación multimedia y dispositivos móviles

Actividad 2.1. Obteniendo datos  
de la interfaz

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## Ejercicio 1

Partiendo de la interfaz generada en el caso práctico y de la que tiene disponibles los XML necesarios, se pide añadir funcionalidad al botón *Guardar*, de modo que, cuando se haga clic en este, se muestren en el LogCat, como mensajes de depuración, los valores de todos los campos introducidos.

```

1 package com.example.act2_1
2
3 import ...
4
5 class MainActivity : AppCompatActivity() {
6
7     private lateinit var editTextName: EditText
8     private lateinit var editTextDescription: EditText
9     private lateinit var editTextPhone: EditText
10    private lateinit var editTextWebsite: EditText
11    private lateinit var spinnerOpening: Spinner
12    private lateinit var spinnerClosing: Spinner
13    private lateinit var checkBoxSports: CheckBox
14    private lateinit var checkBoxChildrenPark: CheckBox
15    private lateinit var checkBoxBar: CheckBox
16    private lateinit var buttonSave: Button
17
18    override fun onCreate(savedInstanceState: Bundle?) {
19        super.onCreate(savedInstanceState)
20        setContentView(R.layout.activity_main)
21
22        editTextName = findViewById(R.id.Name)
23        editTextDescription = findViewById(R.id.Description)
24        editTextPhone = findViewById(R.id.Phone)
25        editTextWebsite = findViewById(R.id.WebSite)
26        spinnerOpening = findViewById(R.id.SpinnerOpeningTime)
27        spinnerClosing = findViewById(R.id.SpinnerClosingTime)
28        checkBoxSports = findViewById<CheckBox>(R.id.cb_sport)
29        checkBoxChildrenPark = findViewById(R.id.cb_children)
30        checkBoxBar = findViewById(R.id.cb_bar)
31        buttonSave = findViewById(R.id.btSave)
32
33        buttonSave.setOnClickListener { it: View?
34
35            val name = editTextName.text.toString()
36            val description = editTextDescription.text.toString()
37            val phone = editTextPhone.text.toString()
38            val website = editTextWebsite.text.toString()
39            val opening = spinnerOpening.selectedItem.toString()
40            val closing = spinnerClosing.selectedItem.toString()
41            val sports = checkBoxSports.isChecked
42            val childrenPark = checkBoxChildrenPark.isChecked
43            val bar = checkBoxBar.isChecked
44
45            Log.d("Values", "msg: Name: $name, Description: $description, Phone: $phone, Website: $website, " +
46                "Opening: $opening, Closing: $closing, Sports: $sports, Children Park: $childrenPark, Bar: $bar")
47
48        }
49    }
50 }

```

## Actividad 2.1. Obteniendo datos de la interfaz

Juanito

Prueba

652666845

Prueba@gmail.com

OpeningTime

ClosingTime

9:00

▼

14:00

▼

Activities

☒

Sports

☐

ChildrenPark

☒

Bar

Save

2023-11-06 17:10:01.007 12662-12702 com.example	com.example.ctct.1	0	app_time_start: appTime=100, min=500, max=500, time=500
2023-11-06 17:13:04.055 12662-12702 com.example	com.example.ctct.1	0	app_time_start: appTime=7666, min=500, max=500, time=500
2023-11-06 17:15:01.709 12662-12662 Values	com.example.ctct.1	0	Name: JumiLin, Description: Proba, Phone: 0888888888, Wechat: Prunus@gmail.com, Opening: 9:00, Closing: 14:00, Sports: true, Children Park: false, Bar: true
2023-11-06 17:15:01.710 12662-12662 Values	com.example.ctct.1	0	Name: JumiLin, Description: Proba, Phone: 0888888888, Wechat: Prunus@gmail.com, Opening: 9:00, Closing: 14:00, Sports: true, Children Park: false, Bar: true
2023-11-06 17:15:01.933 12662-12662 com.example	com.example.ctct.1	0	app_time_start: appTime=100, min=500, max=500, time=500