

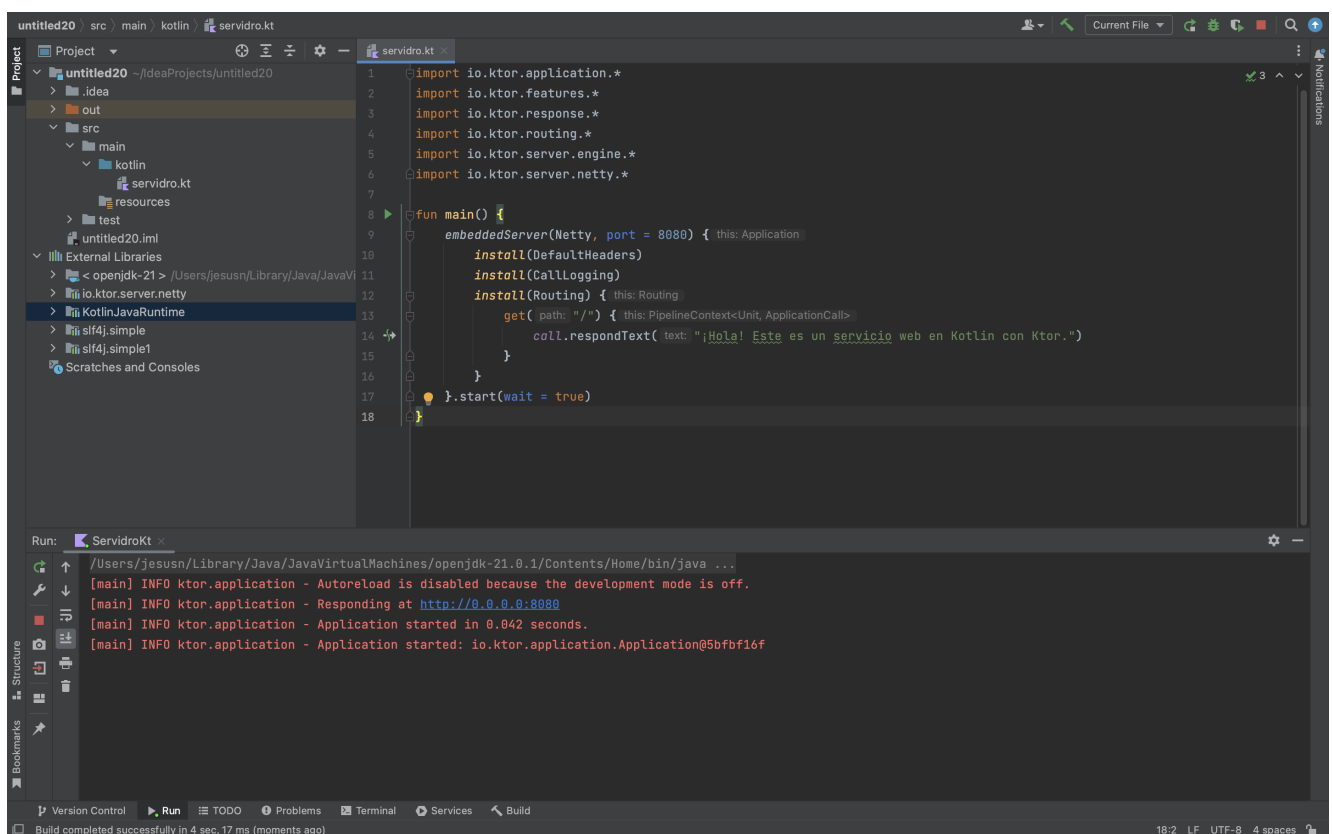
Crear un servicio web en Kotlin

Importar las librerías

[crayon-6a9d57b5810fe143651937/]

Código para crear un servicio web en Kotlin

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The screenshot displays an IDE with a Kotlin project named 'servidro.kt'. The code defines a web service using Ktor. It imports necessary libraries and implements a `main()` function that starts an embedded server on port 8080. The server responds to GET requests at the root path with a message in Spanish. The bottom panel shows the successful execution of the application.

```
1 import io.ktor.application.*
2 import io.ktor.features.*
3 import io.ktor.response.*
4 import io.ktor.routing.*
5 import io.ktor.server.engine.*
6 import io.ktor.server.netty.*
7
8 fun main() {
9     embeddedServer(Netty, port = 8080) { this: Application
10         install(DefaultHeaders)
11         install(CallLogging)
12         install(Routing) { this: Routing
13             get("/") { this: PipelineContext<Unit, ApplicationCall>
14                 call.respondText(text = "¡Hola! Este es un servicio web en Kotlin con Ktor.")
15             }
16         }
17     }.start(wait = true)
18 }
```

Run: ServidroKt

```
/Users/jesusn/Library/Java/JavaVirtualMachines/openjdk-21.0.1/Contents/Home/bin/java ...
[main] INFO ktor.application - Autoreload is disabled because the development mode is off.
[main] INFO ktor.application - Responding at http://0.0.0.0:8080
[main] INFO ktor.application - Application started in 0.042 seconds.
[main] INFO ktor.application - Application started: io.ktor.application.Application@5bfbf16f
```

Build completed successfully in 4 sec, 17 ms (moments ago)