

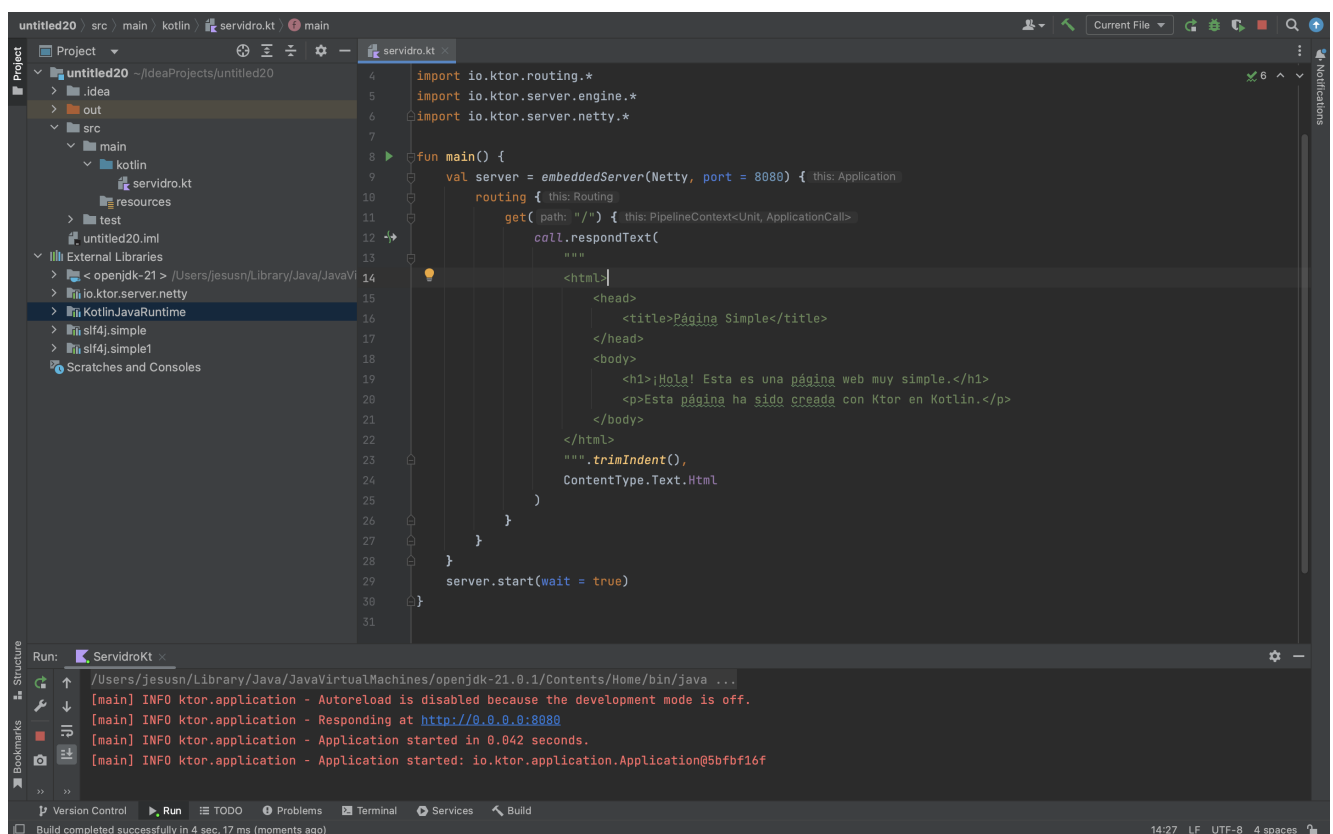
Crear un servidor web en Kotlin

Importar las librerías

[crayon-6a9d4f63ed3c4597224661/]

Código para crear un servidor web en Kotlin

[crayon-6a9d4f63ed3c9163021466/]



The screenshot displays an IDE with a Kotlin project named 'servidoro.kt'. The code defines a main function that creates an embedded Netty server on port 8080. It sets up a routing for the root path '/' to return a simple HTML page. The HTML content includes a title 'Página Simple' and a body with a greeting and a note about the server being created with Ktor in Kotlin. The server is started with 'server.start(wait = true)'. The bottom panel shows the run output, confirming that the application started successfully on port 8080.

```
1  import io.ktor.routing.*
2  import io.ktor.server.engine.*
3  import io.ktor.server.netty.*
4
5  fun main() {
6      val server = embeddedServer(Netty, port = 8080) { this: Application
7          routing { this: Routing
8              get(path: "/") { this: PipelineContext<Unit, ApplicationCall>
9                  call.respondText(
10                      """
11                      <html>
12                      <head>
13                      <title>Página Simple</title>
14                      </head>
15                      <body>
16                      <h1>¡Hola! Esta es una página web muy simple.</h1>
17                      <p>Esta página ha sido creada con Ktor en Kotlin.</p>
18                      </body>
19                      </html>
20                      """, trimIndent(),
21                      ContentType.Text.Html
22                  )
23              }
24          }
25      }
26      server.start(wait = true)
27  }
```

Run: ServidoroKt

```
/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
```

¡Hola! Esta es una página web muy simple.

Esta página ha sido creada con Ktor en Kotlin.