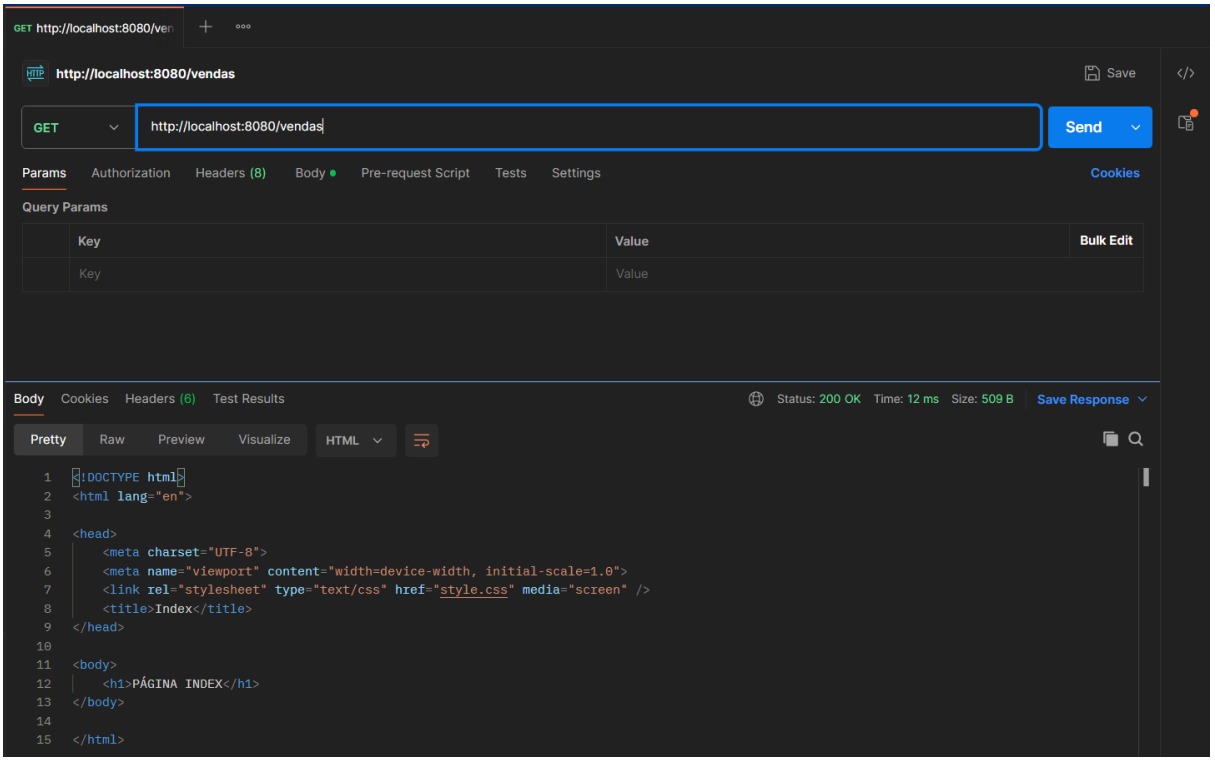
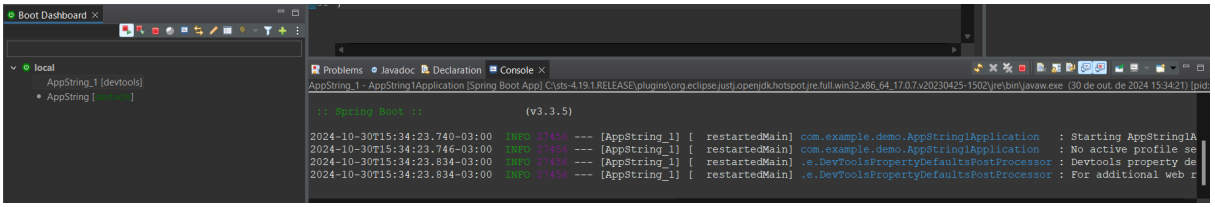
TUTORIAL

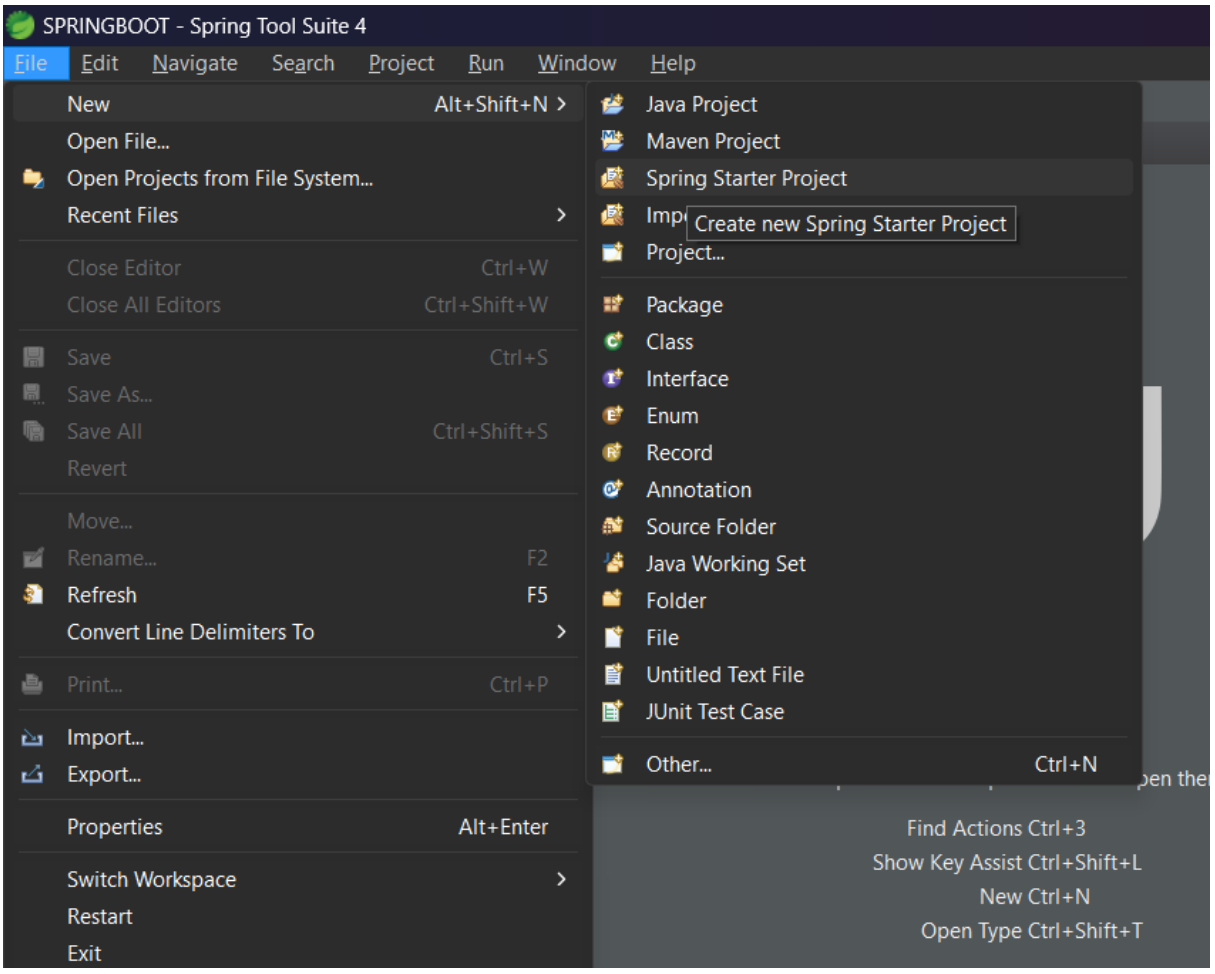




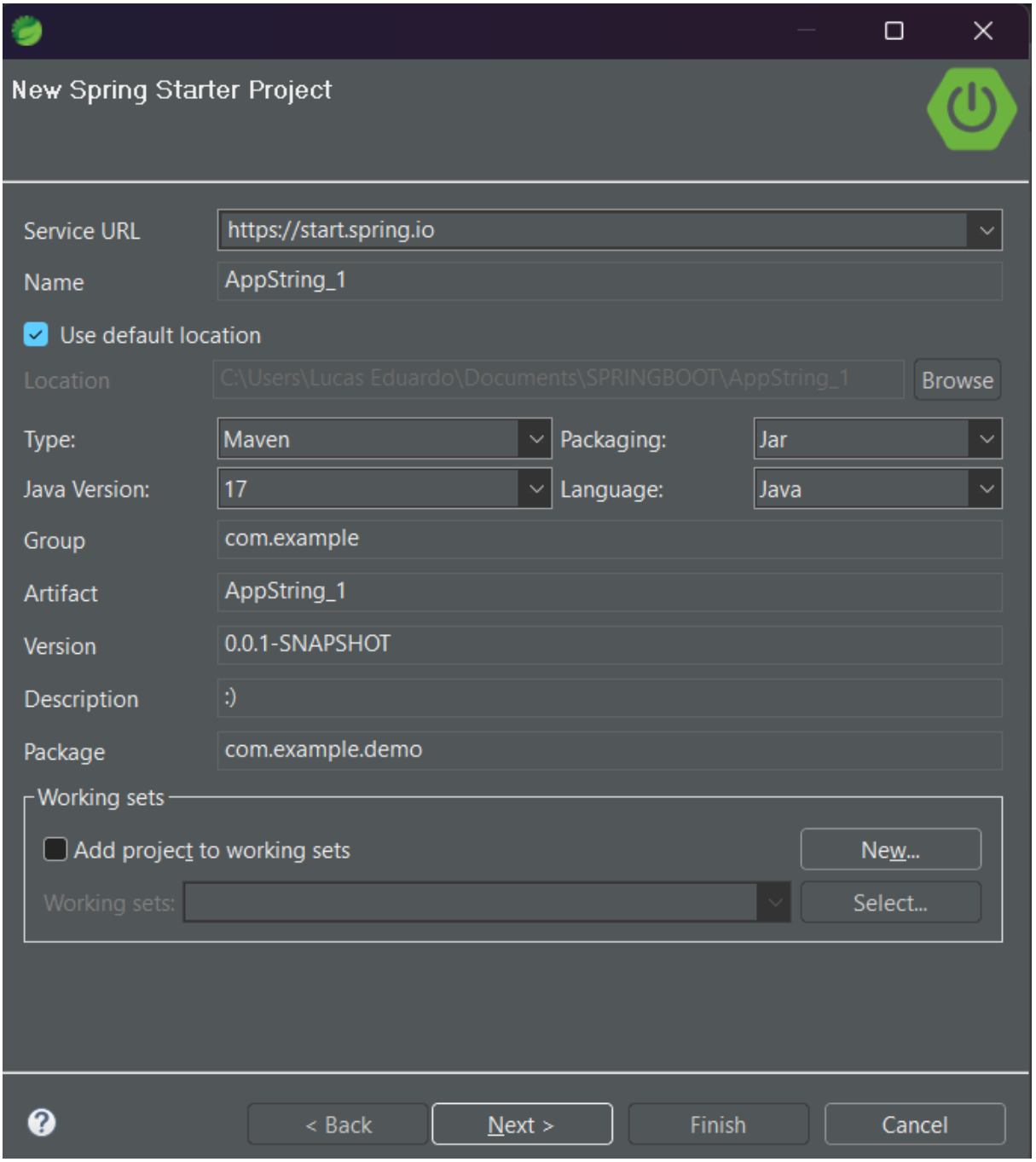
Após instalar o springboot, criamos um workspace padrão e iniciamos ele.

Para criarmos nossos projetos:

Clique em “File”, “New” e “Spring Starter Project”



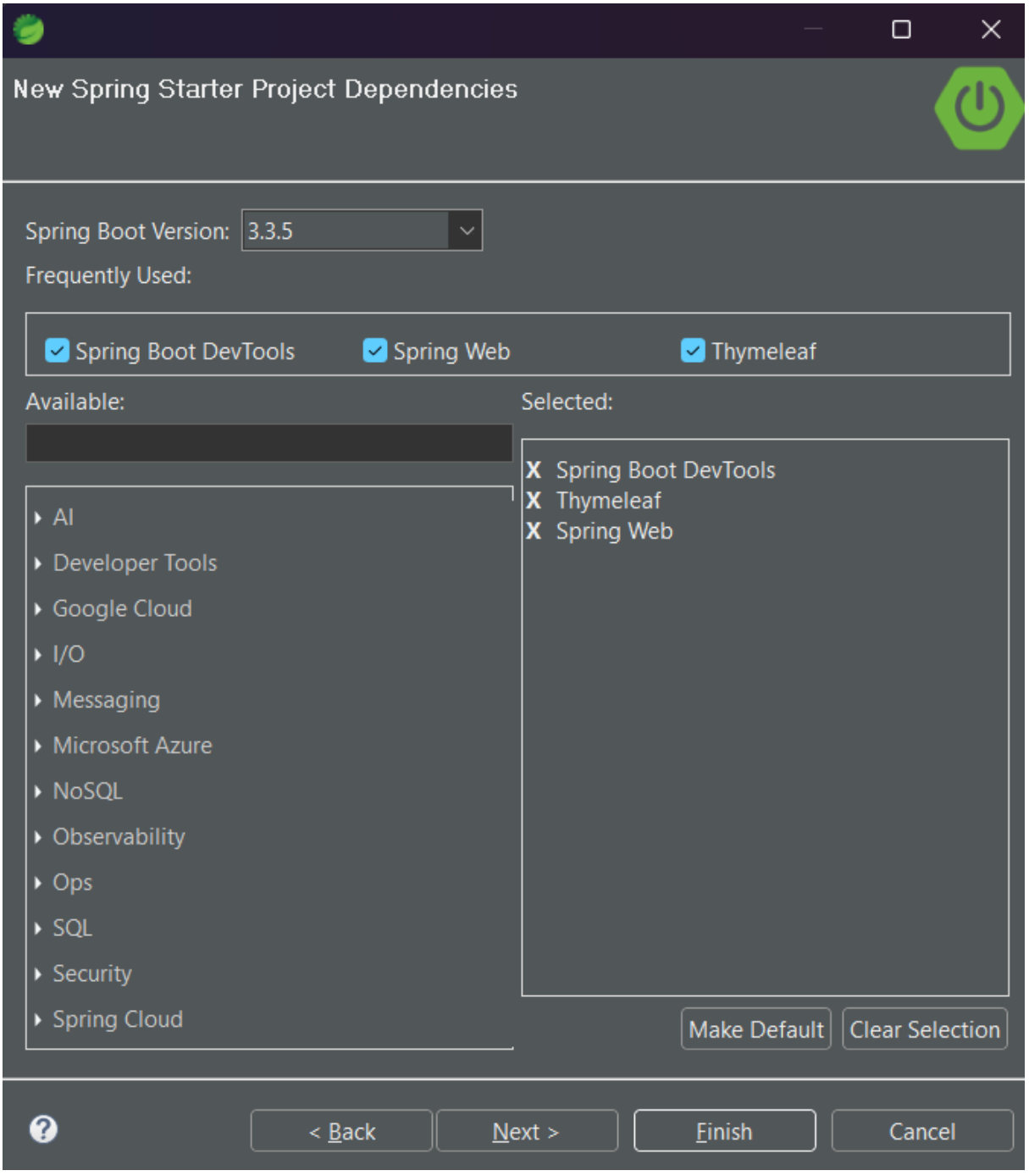
Em “Name” coloque como AppString_1 como padrão e em “Type” selecione Maven e na opçao “Java Version” marque a opção que você tenha instalada na máquina no meu caso é a 17



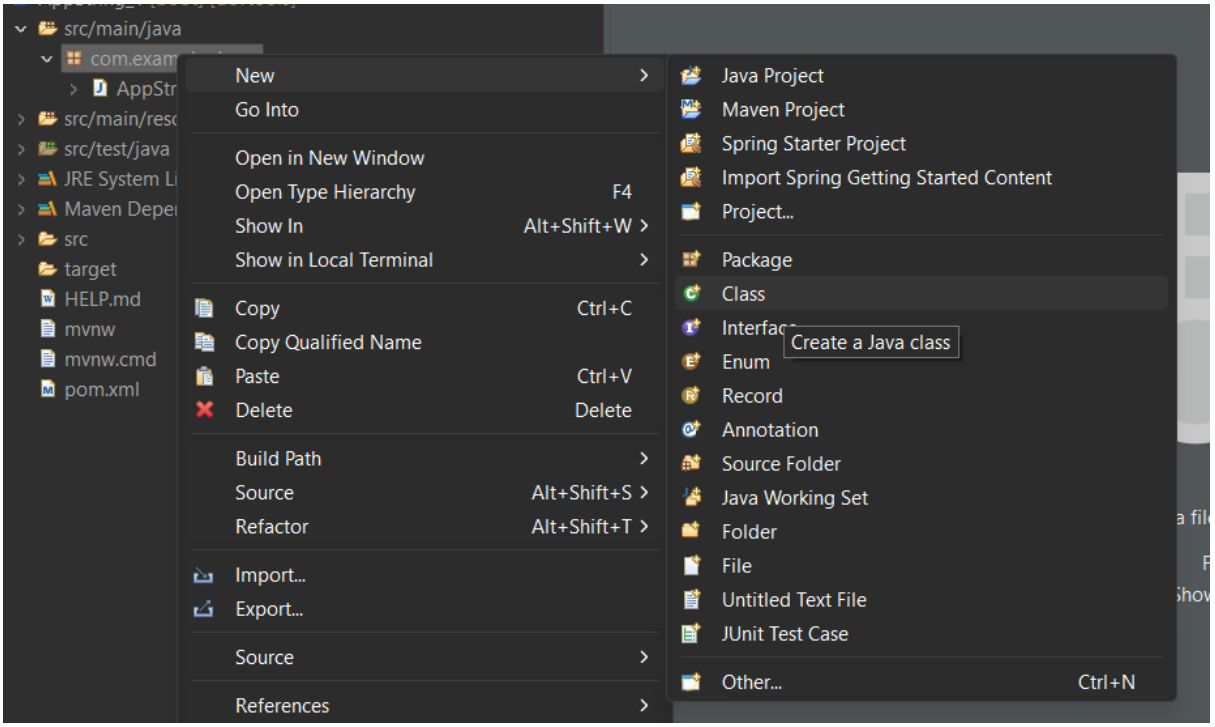
Clique em “Next” e adicione as dependências, utilizaremos as indicadas pelos instrutores que são automaticamente organizadas pelas bibliotecas por conta do inicializador :

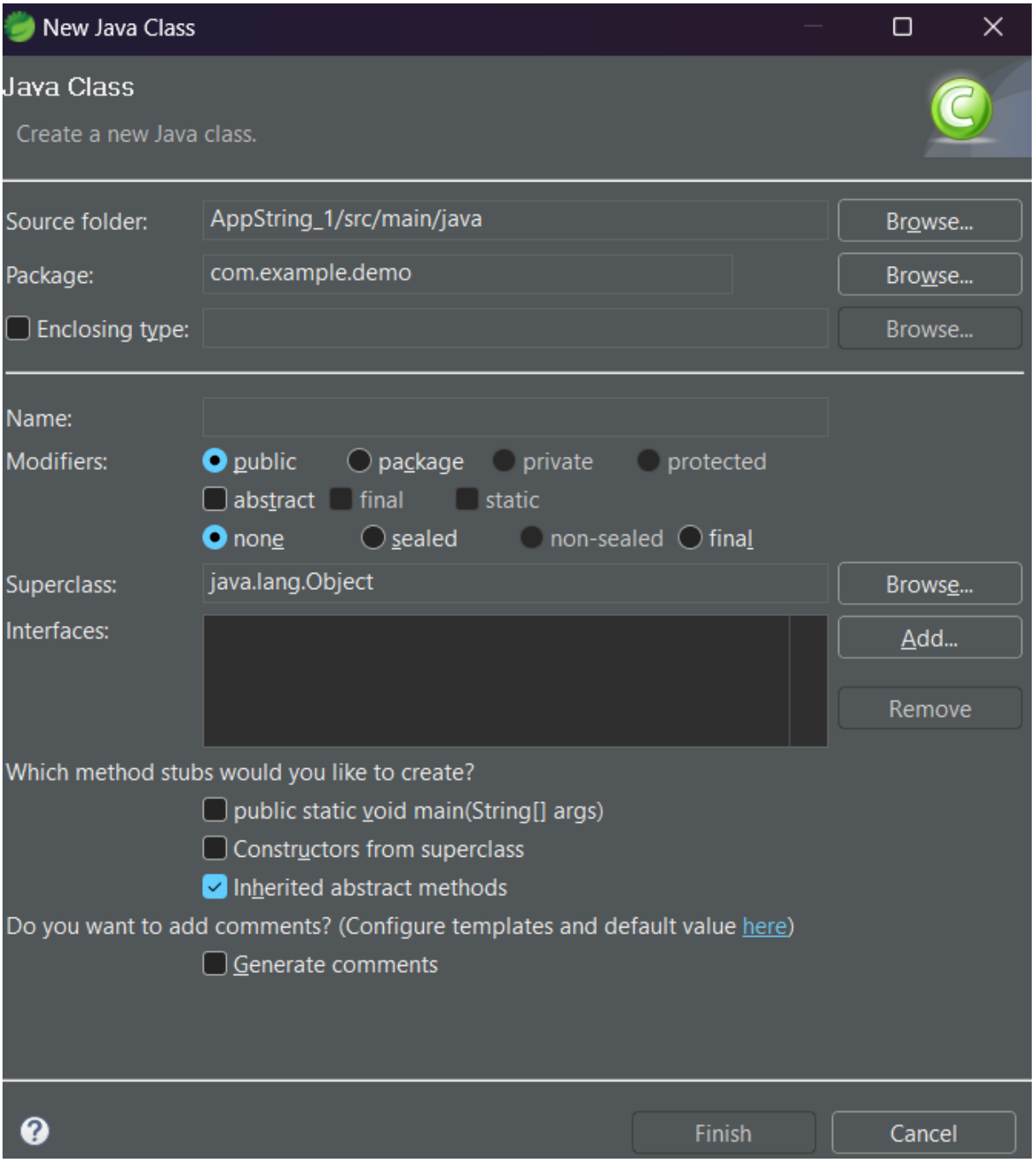
“Spring Boot DevTools”, “Spring Web”, “Thymeleaf”

E depois clique em “Finish”



Depois nas subpastas criaremos a classe principal para podermos obtermos as requisições e para vermos a resposta


src/main/java
com.exam
AppStr
src/main/resc
src/test/java
JRE System Li
Maven Depe
src
target
HELP.md
mvnw
mvnw.cmd
pom.xml
New
Go Into
Open in New Window
Open Type Hierarchy F4
Show In Alt+Shift+W
Show in Local Terminal
Copy Ctrl+C
Copy Qualified Name
Paste Ctrl+V
Delete Delete
Build Path
Source Alt+Shift+S
Refactor Alt+Shift+T
Import...
Export...
Source
References
Java Project
Maven Project
Spring Starter Project
Import Spring Getting Started Content
Project...
Package
Class
Interfac
Create a Java class
Enum
Record
Annotation
Source Folder
Java Working Set
Folder
File
Untitled Text File
JUnit Test Case
Other... Ctrl+N

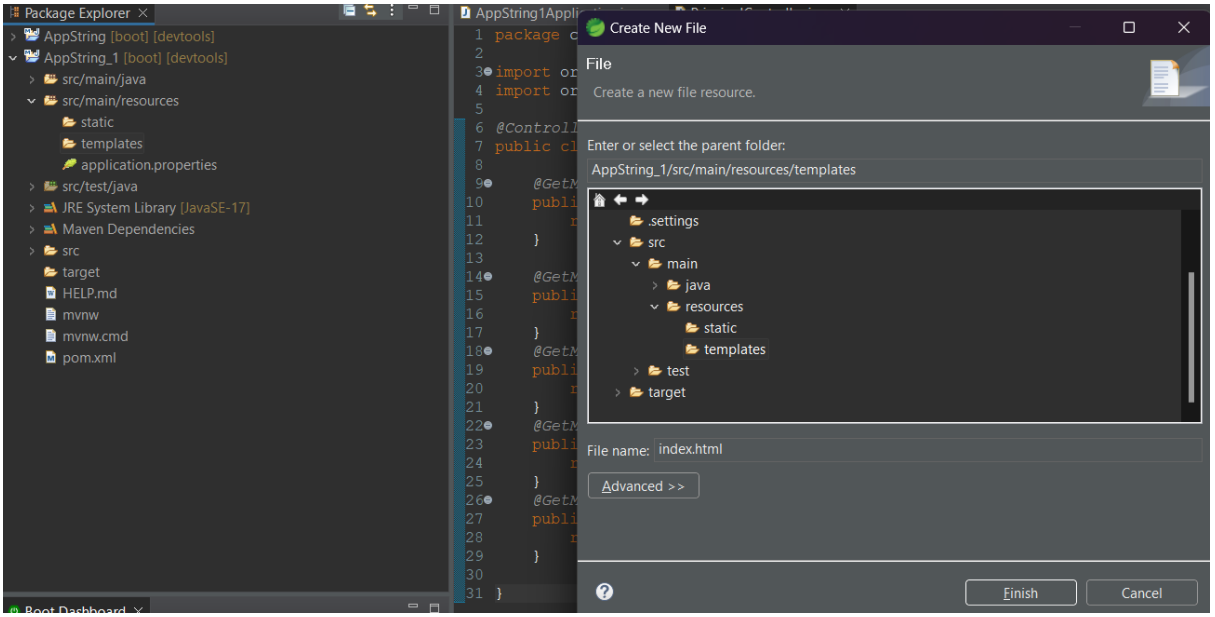


No nome colocaremos “PrincipalController” assim como o nome indica será onde faremos nossos comandos e para o import basta que aperte “ctrl+shift+o”.

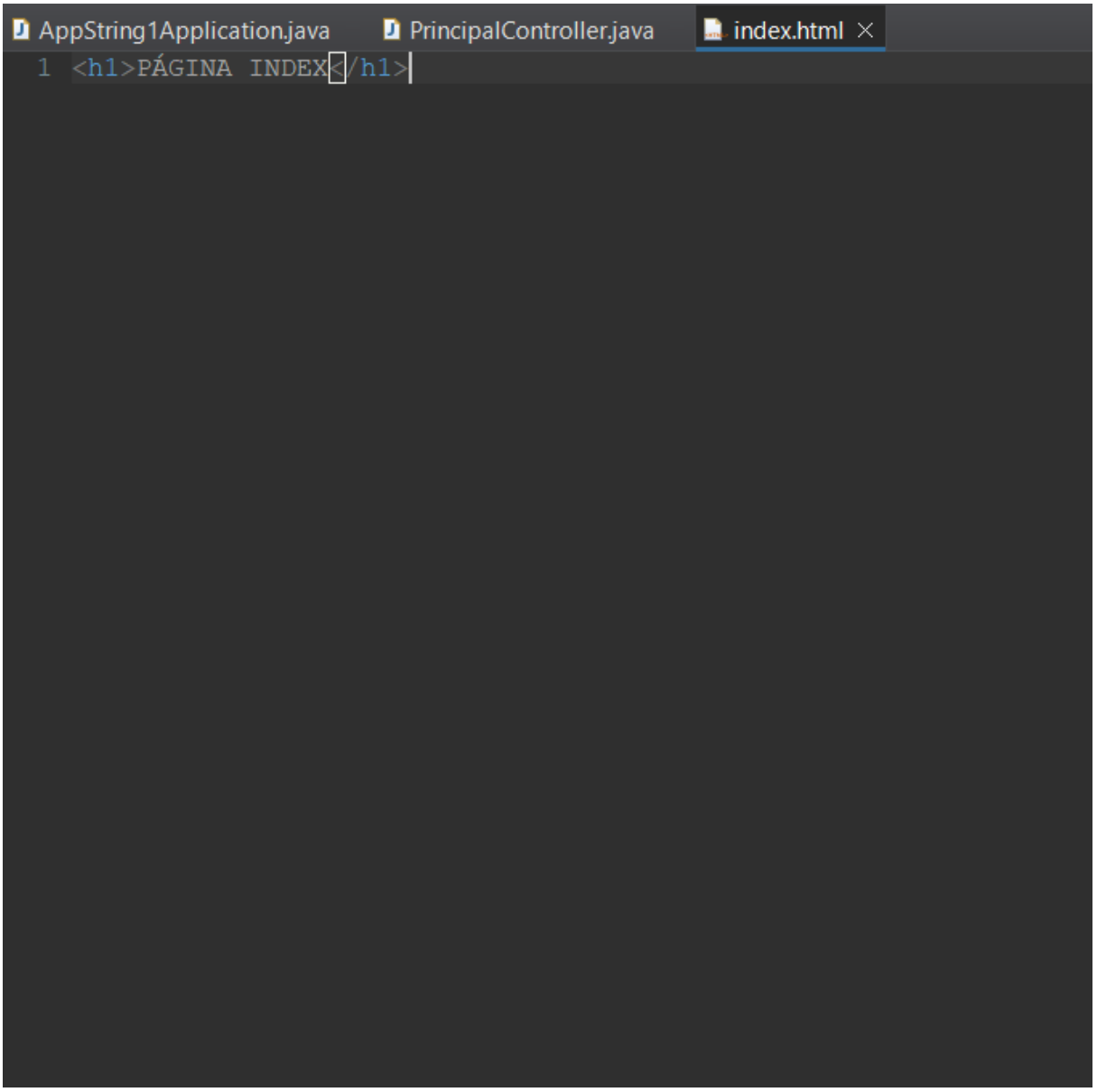
AppString1Application.java | PrincipalController.java

```java
package com.example.demo;

import org.springframework.stereotype.Controller;
import org.springframework.web.bind.annotation.GetMapping;

@Controller
public class PrincipalController {

    @GetMapping("/")
    public String index () {
        return "index";
    }

    @GetMapping("/sobre")
    public String sobre() {
        return "sobre.html";
    }
    @GetMapping("/compras")
    public String compras() {
        return "compras.html";
    }
    @GetMapping("/vendas")
    public String vendas() {
        return "vendas";
    }
    @GetMapping("/estoque")
    public String estoque() {
        return "estoque.html";
    }

}
```

Logo em seguida criaremos as páginas em .html na subpasta “templates”, começaremos pelo index (principal) e então as derivadas que são o “sobre",“compras",“vendas",“estoque".

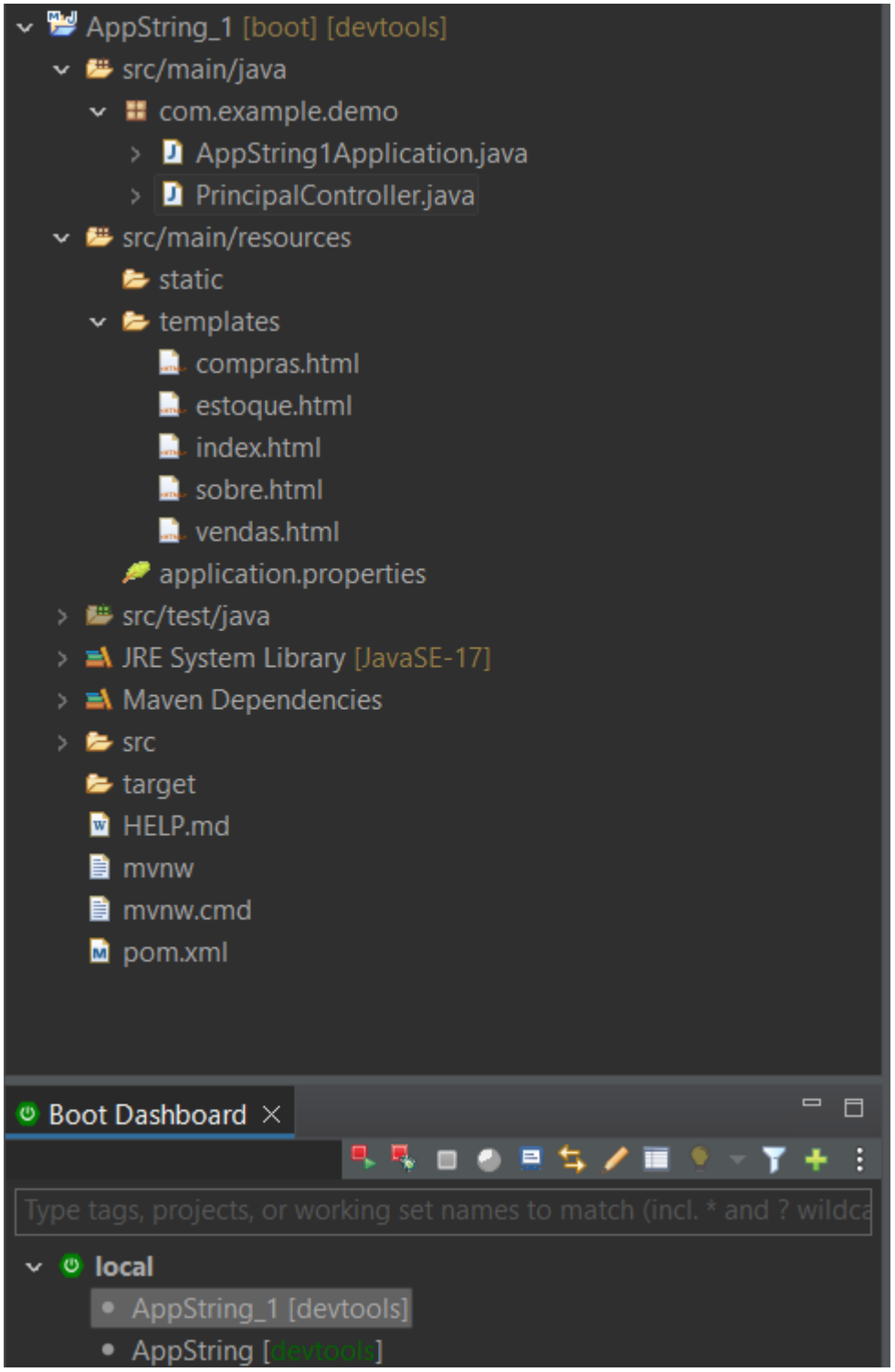


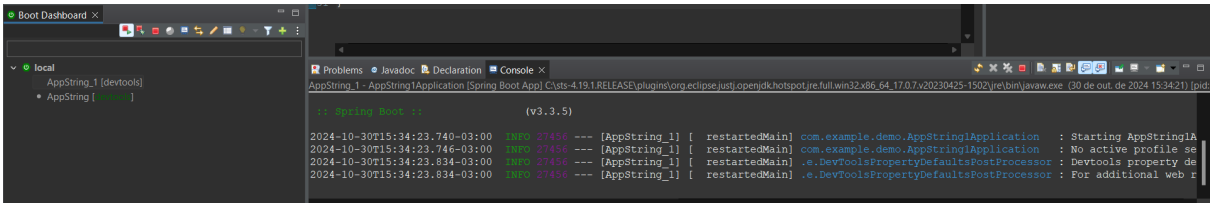
Ná página é possível utilizar as tags de html como por exemplo o <h1><h1> que seria nosso header de maior tamanho de fonte



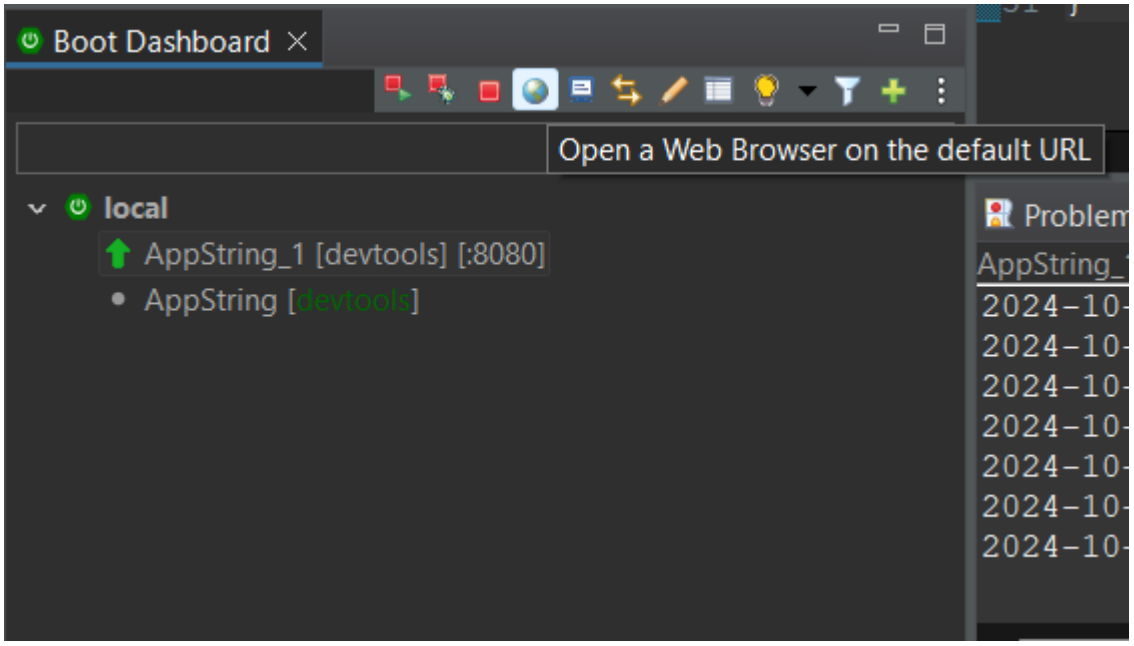
Depois de repetirmos esse passo respeitando o nome das páginas, precisamos testar os protocolos

indo direto ao arquivo “PrincipalController” que criamos antes para iniciarmos o servidor local, e clickando no quadrado vermelho com o simbolo de play ele apresenta os códigos de resposta


AppString_1 [boot] [devtools]
src/main/java
com.example.demo
AppString1Application.java
PrincipalController.java
src/main/resources
static
templates
compras.html
estoque.html
index.html
sobre.html
vendas.html
application.properties
src/test/java
JRE System Library [JavaSE-17]
Maven Dependencies
src
target
HELP.md
mvnw
mvnw.cmd
pom.xml
Boot Dashboard
Type tags, projects, or working set names to match (incl. * and ? wildca
local
AppString_1 [devtools]
AppString [devtools]

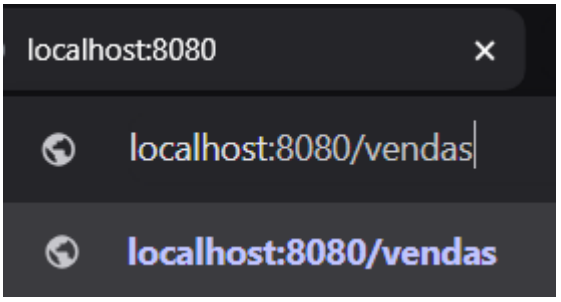

Boot Dashboard
local
AppString_1 [devtools]
AppString [devtools]
Problems
Javadoc
Declaration
Console
AppString_1 - AppString1Application [Spring Boot App] C:\sts-4.19.1.RELEASE\plugins\org.eclipse.justj.openjdk.hotspot.jre.full.win32.x86_64_17.0.7.v20230425-1502\jre\bin\javaw.exe (30 de out. de 2024 15:34:21) [pid:
:: Spring Boot ::
(v3.3.5)
2024-10-30T15:34:23.740-03:00 INFO 27456 --- [AppString_1] [restartedMain] com.example.demo.AppString1Application : Starting AppString1A
2024-10-30T15:34:23.746-03:00 INFO 27456 --- [AppString_1] [restartedMain] com.example.demo.AppString1Application : No active profile se
2024-10-30T15:34:23.834-03:00 INFO 27456 --- [AppString_1] [restartedMain] .e.DevToolsPropertyDefaultsPostProcessor : Devtools property de
2024-10-30T15:34:23.834-03:00 INFO 27456 --- [AppString_1] [restartedMain] .e.DevToolsPropertyDefaultsPostProcessor : For additional web r

Após isso clique no ícone de mundo para abrirmos uma página em seu navegador para acessarmos nosso recém criado site



PÁGINA INDEX

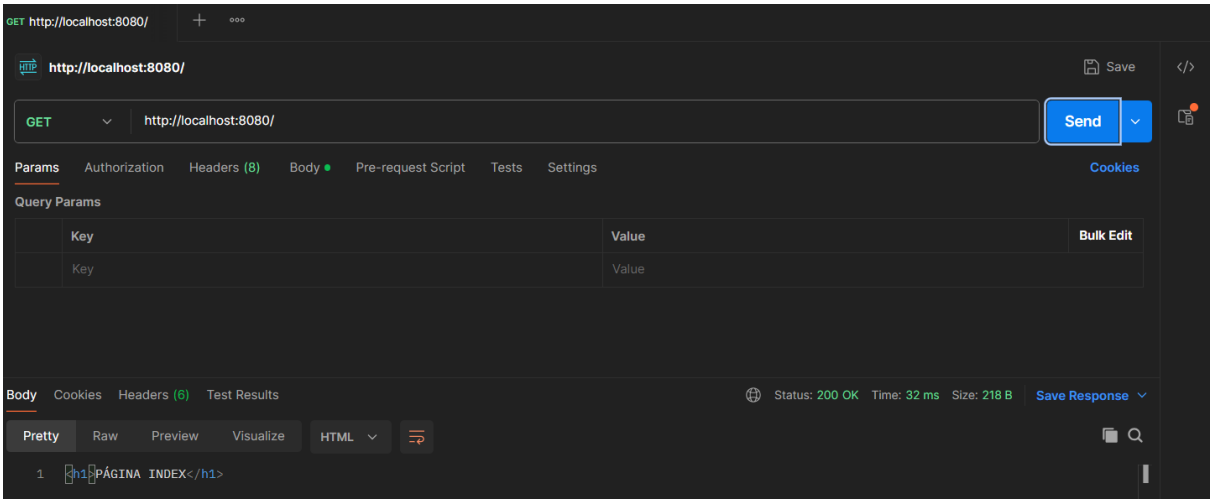
Para navegarmos entre as páginas é necessário mudarmos na URL para o nome que foi colocado no “PrincipalController” como por exemplo “/vendas”

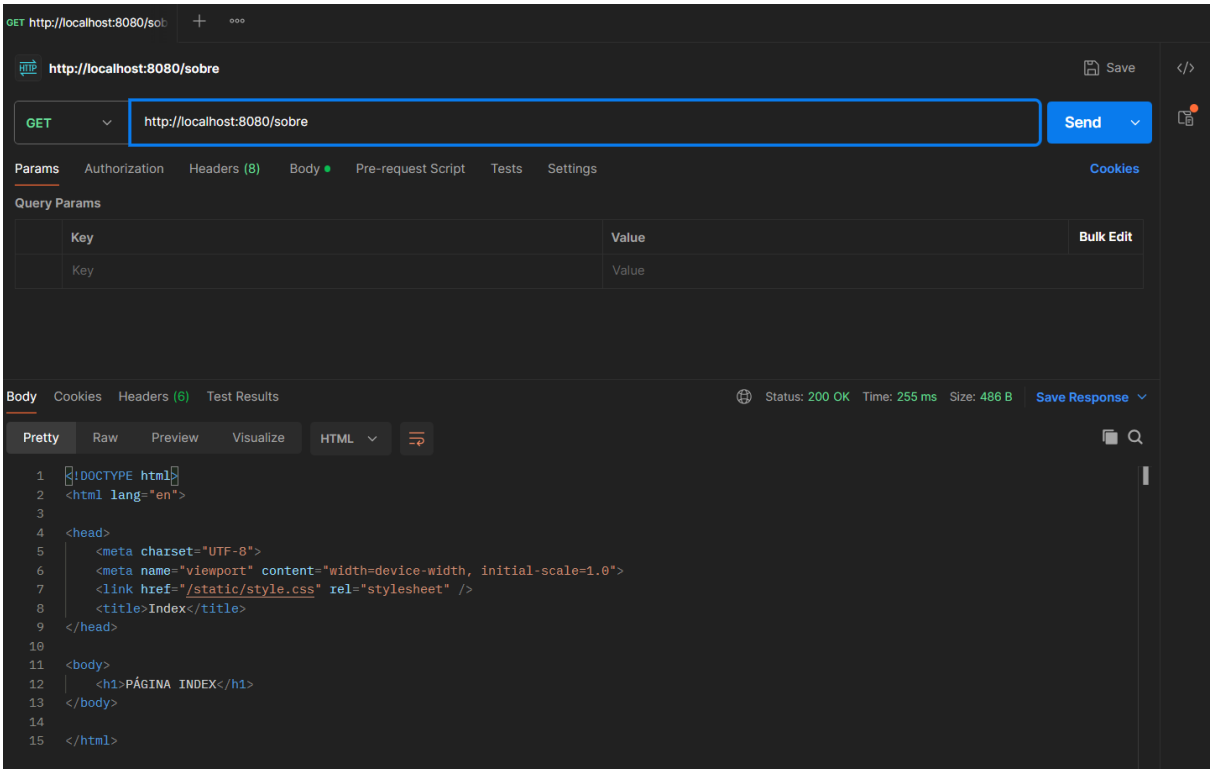


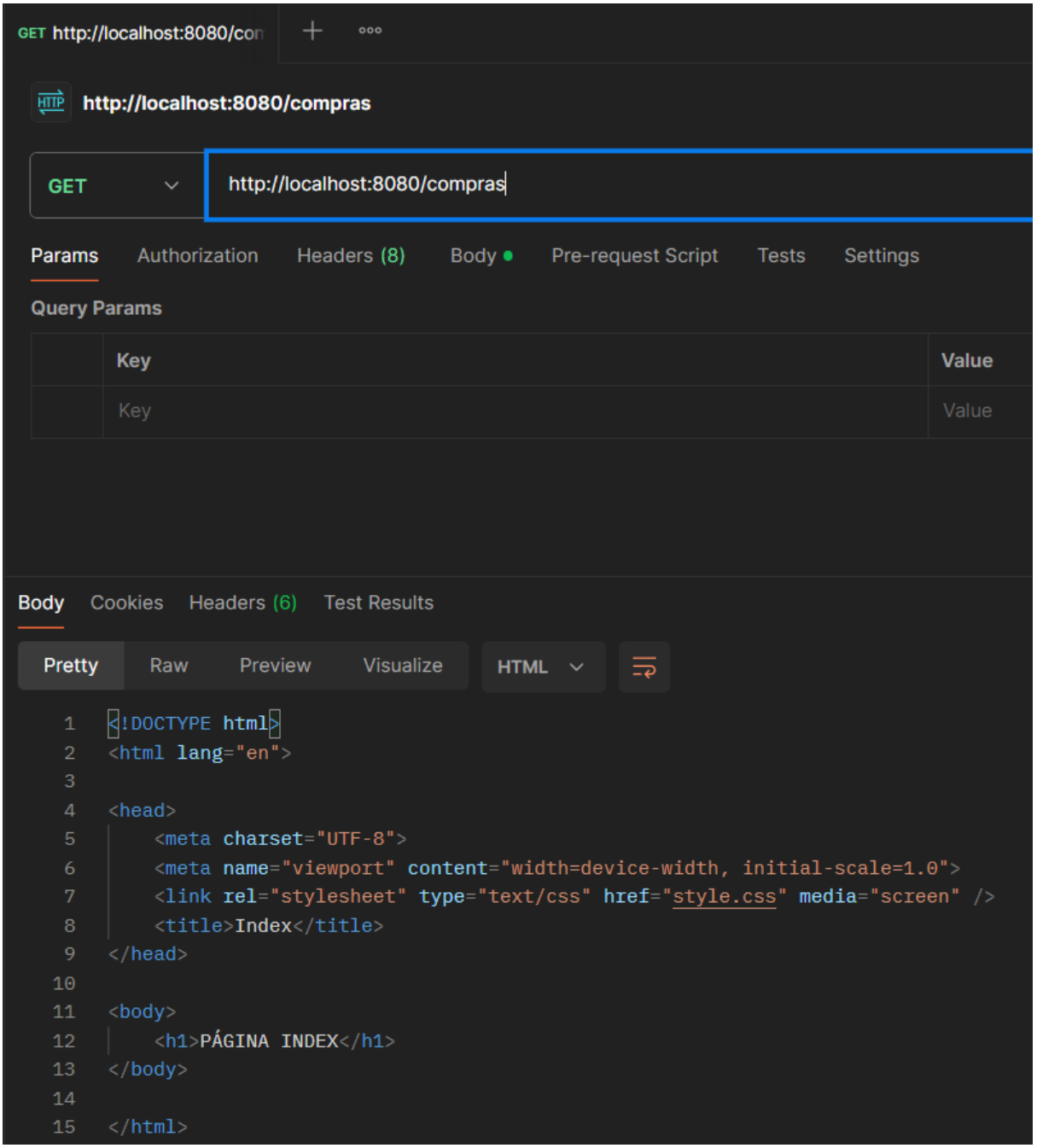
PÁGINA DE VENDAS

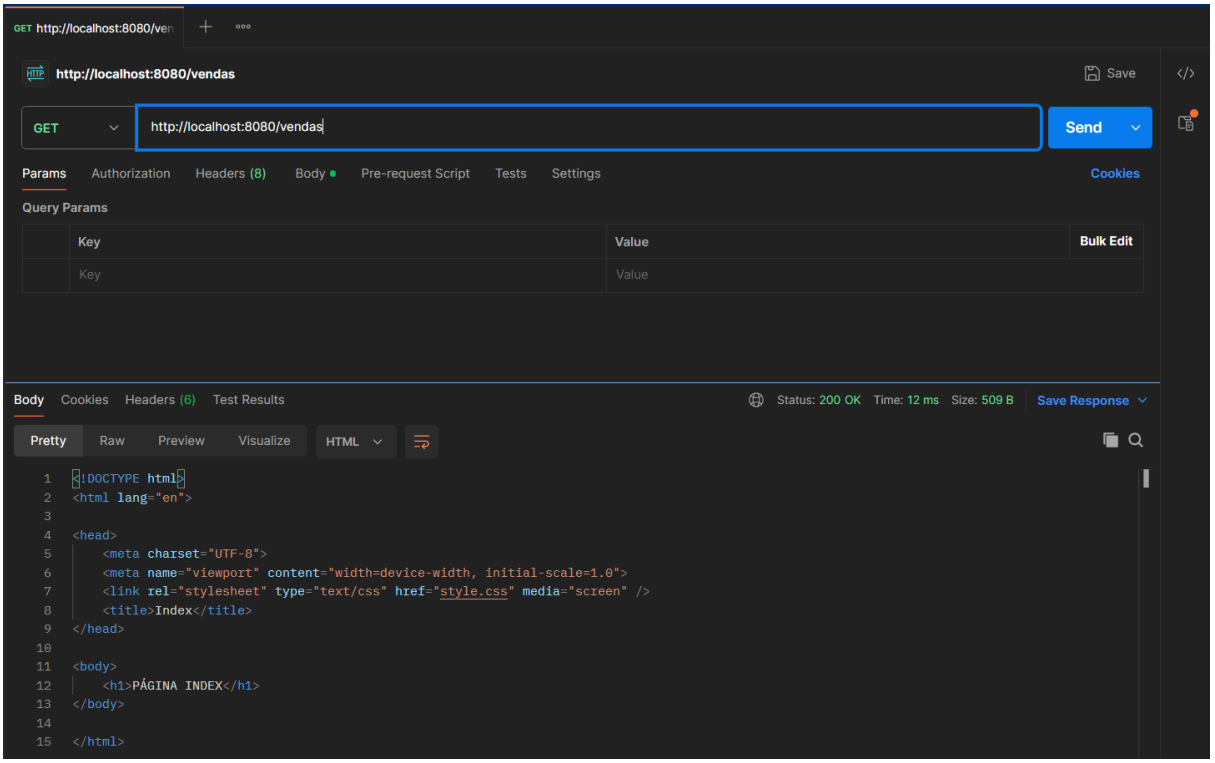
Retornando o que está dentro da tag header assim como na página principal.

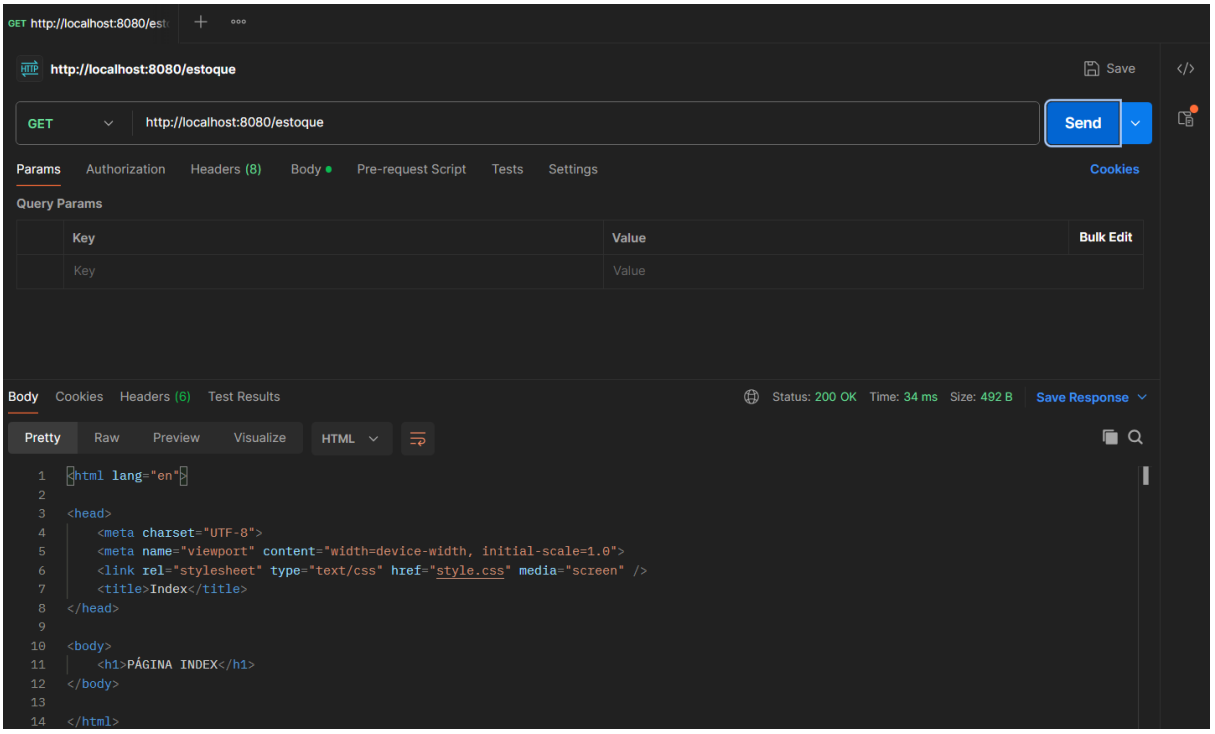
Como podemos ver o postman retorna os códigos de verificação “200” que confirma o funcionamento do site




GET http://localhost:8080/sob
http://localhost:8080/sobre
Save
GET
http://localhost:8080/sobre
Send
Params
Authorization
Headers (8)
Body
Pre-request Script
Tests
Settings
Cookies
Query Params
Key
Value
Bulk Edit
Key
Value
Body
Cookies
Headers (6)
Test Results
Status: 200 OK
Time: 255 ms
Size: 486 B
Save Response
Pretty
Raw
Preview
Visualize
HTML
<!DOCTYPE html>
<html lang="en">
<head>
<meta charset="UTF-8">
<meta name="viewport" content="width=device-width, initial-scale=1.0">
<link href="/static/style.css" rel="stylesheet" />
<title>Index</title>
</head>
<body>
<h1>PÁGINA INDEX</h1>
</body>
</html>


GET http://localhost:8080/con
http://localhost:8080/compras
GET
http://localhost:8080/compras
Params
Authorization
Headers (8)
Body
Pre-request Script
Tests
Settings
Query Params
Key
Value
Key
Value
Body
Cookies
Headers (6)
Test Results
Pretty
Raw
Preview
Visualize
HTML
1 <!DOCTYPE html>
2 <html lang="en">
3
4 <head>
5 <meta charset="UTF-8">
6 <meta name="viewport" content="width=device-width, initial-scale=1.0">
7 <link rel="stylesheet" type="text/css" href="style.css" media="screen" />
8 <title>Index</title>
9 </head>
10
11 <body>
12 <h1>PÁGINA INDEX</h1>
13 </body>
14
15 </html>


GET http://localhost:8080/ven
http://localhost:8080/vendas
Save
GET
http://localhost:8080/vendas
Send
Params
Authorization
Headers (8)
Body
Pre-request Script
Tests
Settings
Cookies
Query Params
Key
Value
Bulk Edit
Key
Value
Body
Cookies
Headers (6)
Test Results
Status: 200 OK
Time: 12 ms
Size: 509 B
Save Response
Pretty
Raw
Preview
Visualize
HTML
<!DOCTYPE html>
<html lang="en">
<head>
<meta charset="UTF-8">
<meta name="viewport" content="width=device-width, initial-scale=1.0">
<link rel="stylesheet" type="text/css" href="style.css" media="screen" />
<title>Index</title>
</head>
<body>
<h1>PÁGINA INDEX</h1>
</body>
</html>


GET http://localhost:8080/est
http://localhost:8080/estoque
Save
GET
http://localhost:8080/estoque
Send
Params
Authorization
Headers (8)
Body
Pre-request Script
Tests
Settings
Cookies
Query Params
Key
Value
Bulk Edit
Key
Value
Body
Cookies
Headers (6)
Test Results
Status: 200 OK
Time: 34 ms
Size: 492 B
Save Response
Pretty
Raw
Preview
Visualize
HTML
<html lang="en">
<head>
<meta charset="UTF-8">
<meta name="viewport" content="width=device-width, initial-scale=1.0">
<link rel="stylesheet" type="text/css" href="style.css" media="screen" />
<title>Index</title>
</head>
<body>
<h1>PÁGINA INDEX</h1>
</body>
</html>