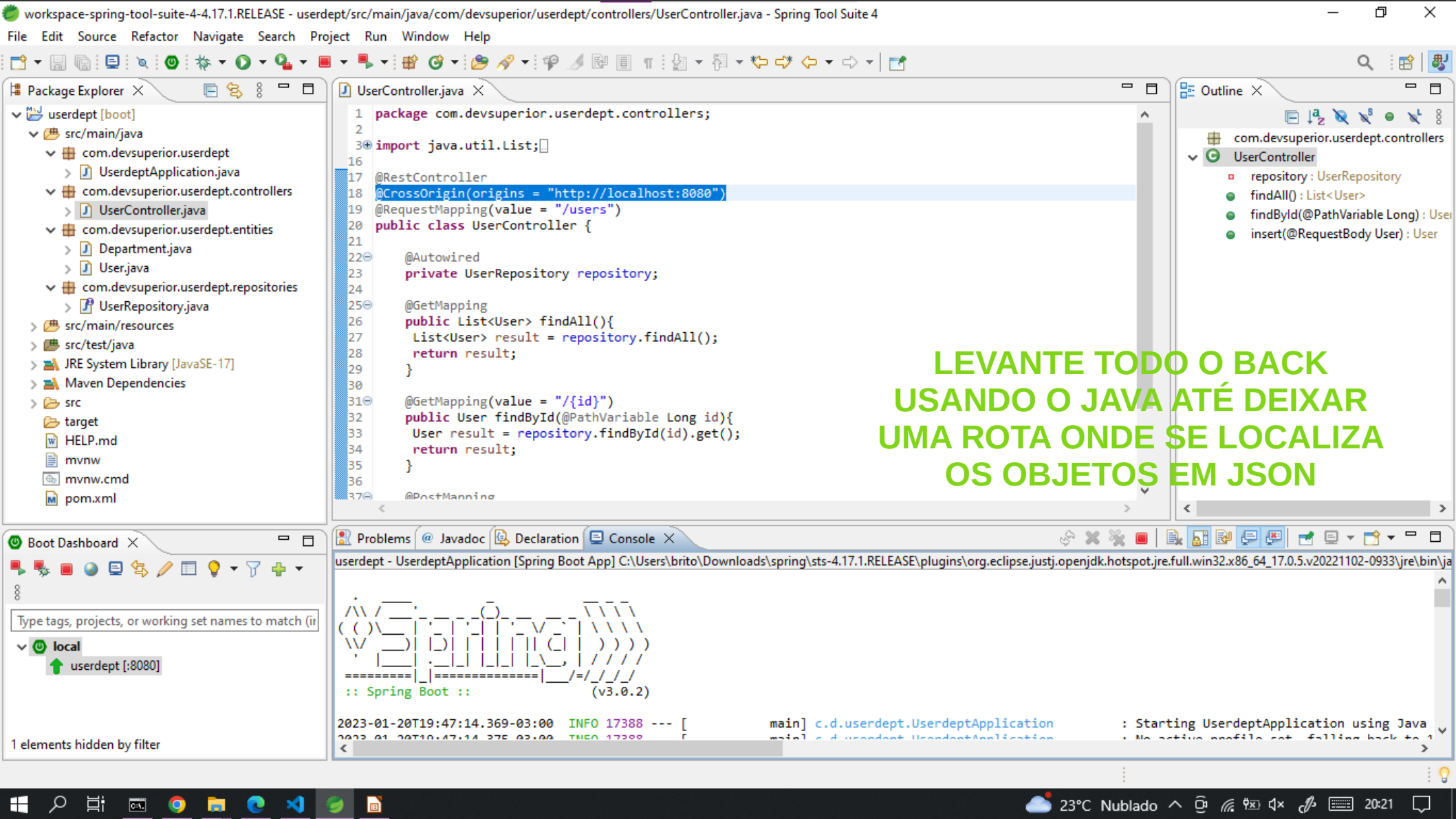
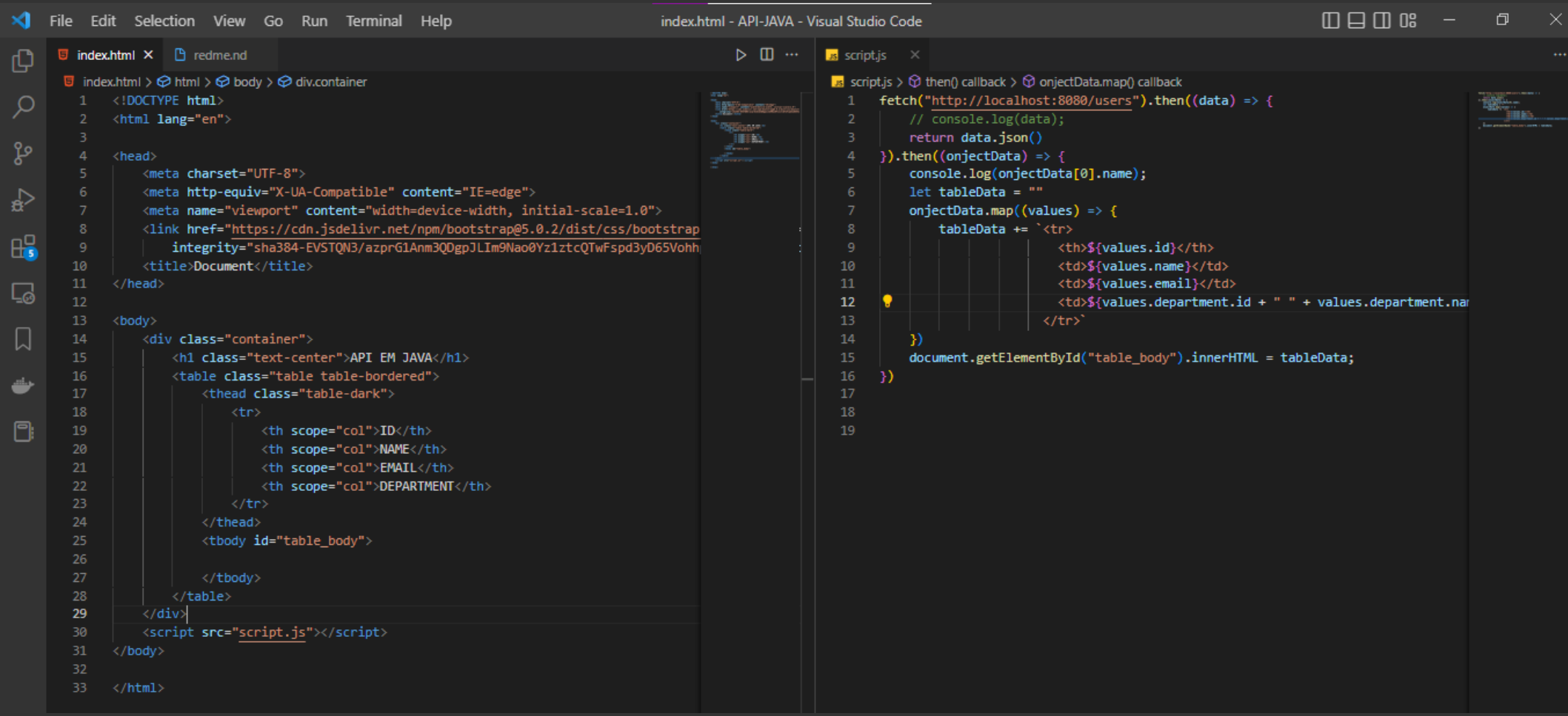
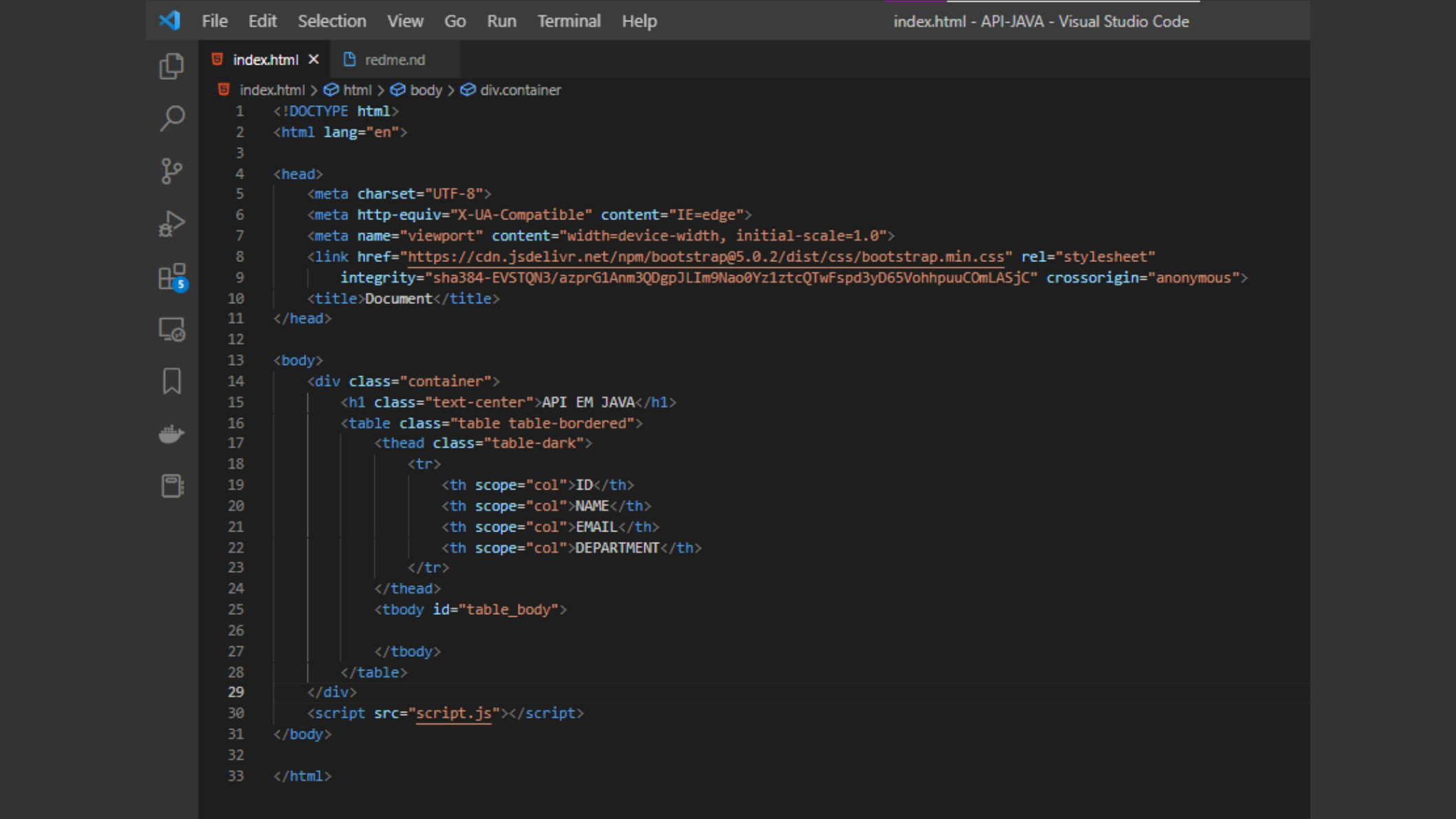
SPRINGBOOT API RETORNANDO JSON PEGANDO OS DADOS EM TABLEDATA COM JAVASCRIPT


workspace-spring-tool-suite-4-4.17.1.RELEASE - userdept/src/main/java/com/devsuperior/userdept/controllers/UserController.java - Spring Tool Suite 4
File Edit Source Refactor Navigate Search Project Run Window Help
Package Explorer
userdept [boot]
src/main/java
com.devsuperior.userdept
UserdeptApplication.java
com.devsuperior.userdept.controllers
UserController.java
com.devsuperior.userdept.entities
Department.java
User.java
com.devsuperior.userdept.repositories
UserRepository.java
src/main/resources
src/test/java
JRE System Library [JavaSE-17]
Maven Dependencies
src
target
HELP.md
mvnw
mvnw.cmd
pom.xml
UserController.java
1 package com.devsuperior.userdept.controllers;
2
3 import java.util.List;
16
17 @RestController
18 @CrossOrigin(origins = "http://localhost:8080")
19 @RequestMapping(value = "/users")
20 public class UserController {
21
22 @Autowired
23 private UserRepository repository;
24
25 @GetMapping
26 public List<User> findAll(){
27 List<User> result = repository.findAll();
28 return result;
29 }
30
31 @GetMapping(value = "/{id}")
32 public User findById(@PathVariable Long id){
33 User result = repository.findById(id).get();
34 return result;
35 }
36
Outline
com.devsuperior.userdept.controllers
UserController
repository : UserRepository
findAll() : List<User>
findById(@PathVariable Long) : User
insert(@RequestBody User) : User
LEVANTE TODO O BACK
USANDO O JAVA ATÉ DEIXAR
UMA ROTA ONDE SE LOCALIZA
OS OBJETOS EM JSON
Boot Dashboard
Type tags, projects, or working set names to match (in
local
userdept [:8080]
1 elements hidden by filter
Problems Javadoc Declaration Console
userdept - UserdeptApplication [Spring Boot App] C:\Users\brito\Downloads\spring\sts-4.17.1.RELEASE\plugins\org.eclipse.justj.openjdk.hotspot.jre.full.win32.x86_64_17.0.5.v20221102-0933\jre\bin\ja
:: Spring Boot :: (v3.0.2)
2023-01-20T19:47:14.369-03:00 INFO 17388 --- [main] c.d.userdept.UserdeptApplication : Starting UserdeptApplication using Java
23°C Nublado
20:21


File Edit Selection View Go Run Terminal Help
index.html - API-JAVA - Visual Studio Code
index.html
redme.nd
index.html > html > body > div.container
<!DOCTYPE html>
<html lang="en">
<head>
<meta charset="UTF-8">
<meta http-equiv="X-UA-Compatible" content="IE=edge">
<meta name="viewport" content="width=device-width, initial-scale=1.0">
<link href="https://cdn.jsdelivr.net/npm/bootstrap@5.0.2/dist/css/bootstrap
integrity="sha384-EVSTQN3/azprG1Anm3QDgpJLIm9Nao0Yz1ztcQTwFspd3yD65Vohh
<title>Document</title>
</head>
<body>

<h1 class="text-center">API EM JAVA</h1>
<table class="table table-bordered">
<thead class="table-dark">
<tr>
<th scope="col">ID</th>
<th scope="col">NAME</th>
<th scope="col">EMAIL</th>
<th scope="col">DEPARTMENT</th>
</tr>
</thead>
<tbody id="table_body">
</tbody>
</table>

<script src="script.js"></script>
</body>
</html>
script.js
script.js > then() callback > onjectData.map() callback
fetch("http://localhost:8080/users").then((data) => {
// console.log(data);
return data.json()
}).then((onjectData) => {
console.log(onjectData[0].name);
let tableData = ""
onjectData.map((values) => {
tableData += `<tr>
<th>${values.id}</th>
<td>${values.name}</td>
<td>${values.email}</td>
<td>${values.department.id + " " + values.department.nar
</tr>`
})
document.getElementById("table_body").innerHTML = tableData;
})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redme.nd
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<meta name="viewport" content="width=device-width, initial-scale=1.0">
<link href="https://cdn.jsdelivr.net/npm/bootstrap@5.0.2/dist/css/bootstrap.min.css" rel="stylesheet"
integrity="sha384-EVSTQN3/azprG1Anm3QDgpJLIm9Nao0Yz1ztcQTwFspd3yD65VohhpuuCOmLASjC" crossorigin="anonymous">
<title>Document</title>
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<body>

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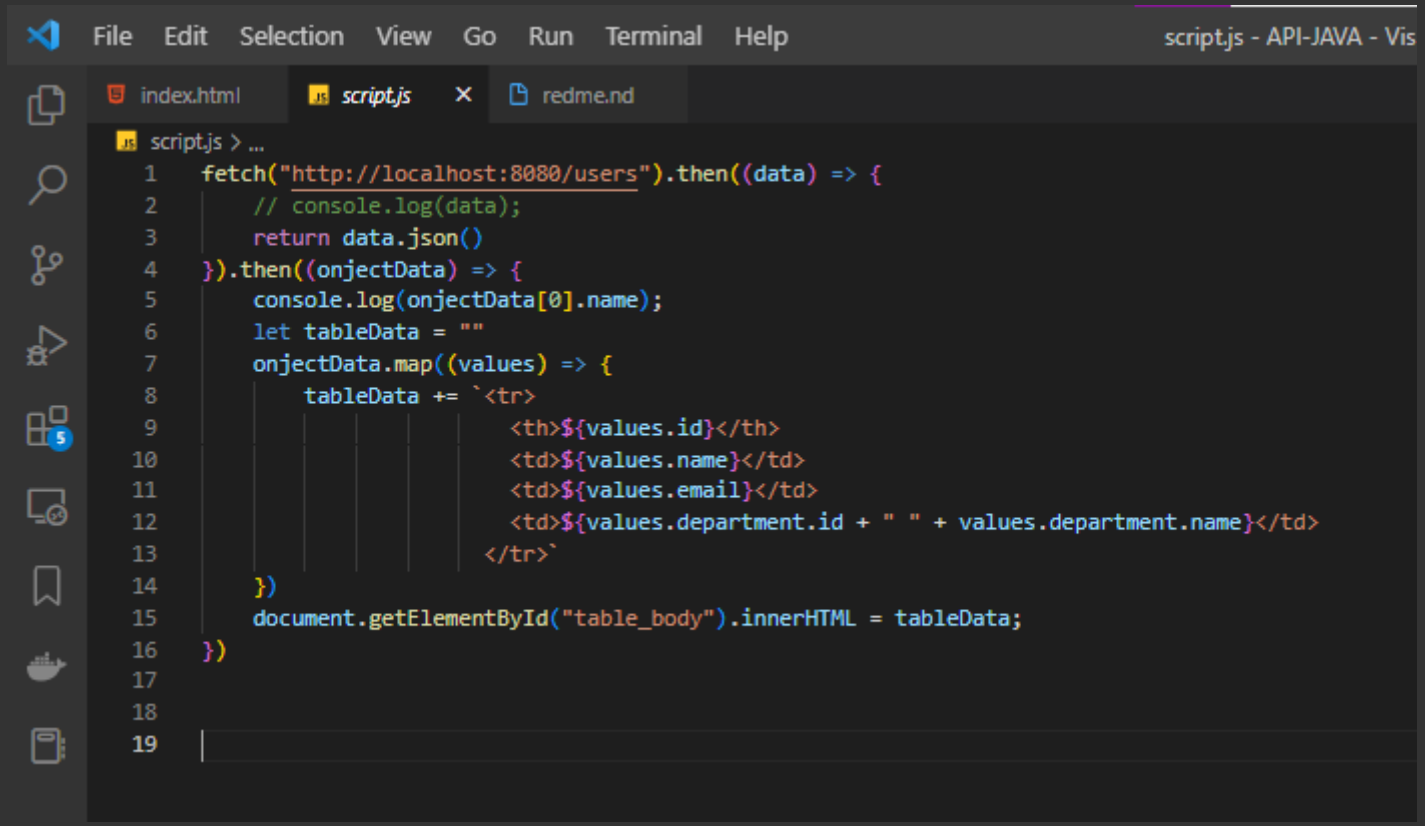
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script.js - API-JAVA - Vis
index.html
script.js
redme.nd
script.js > ...
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<td>${values.email}</td>
<td>${values.department.id + " " + values.department.name}</td>
</tr>`
})
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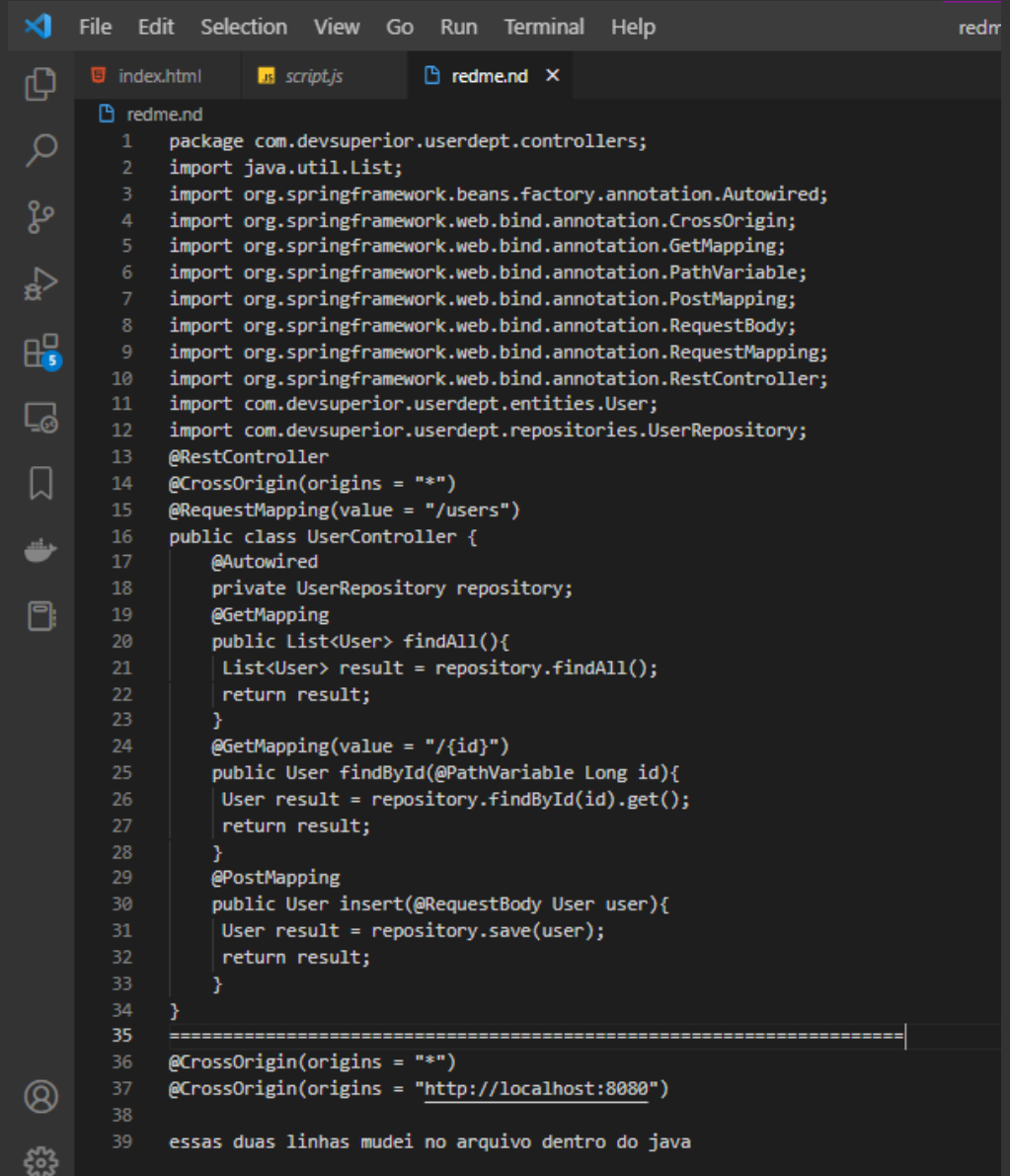
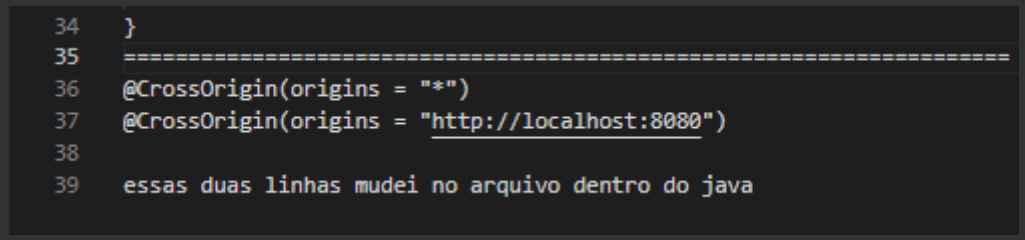
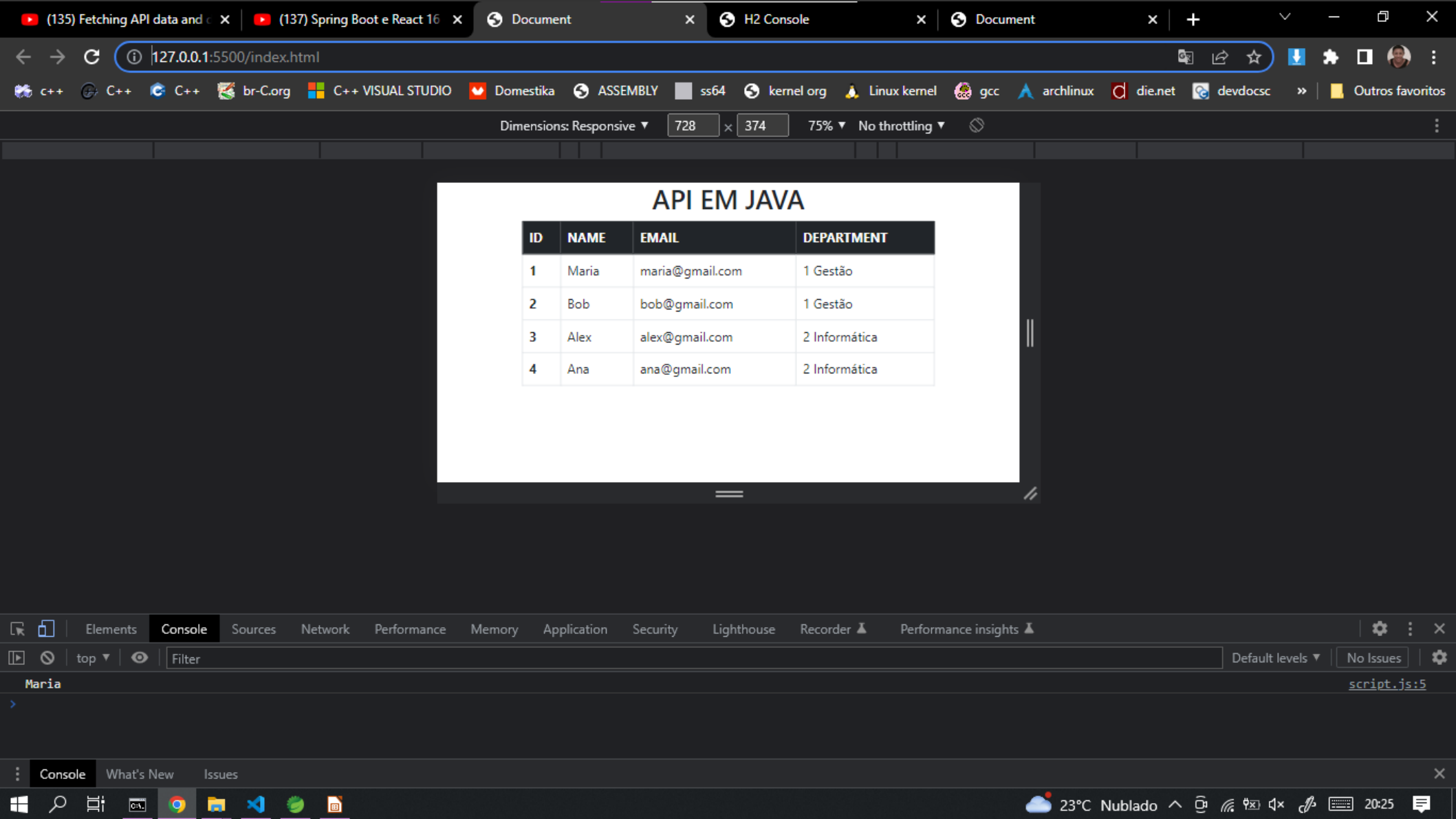
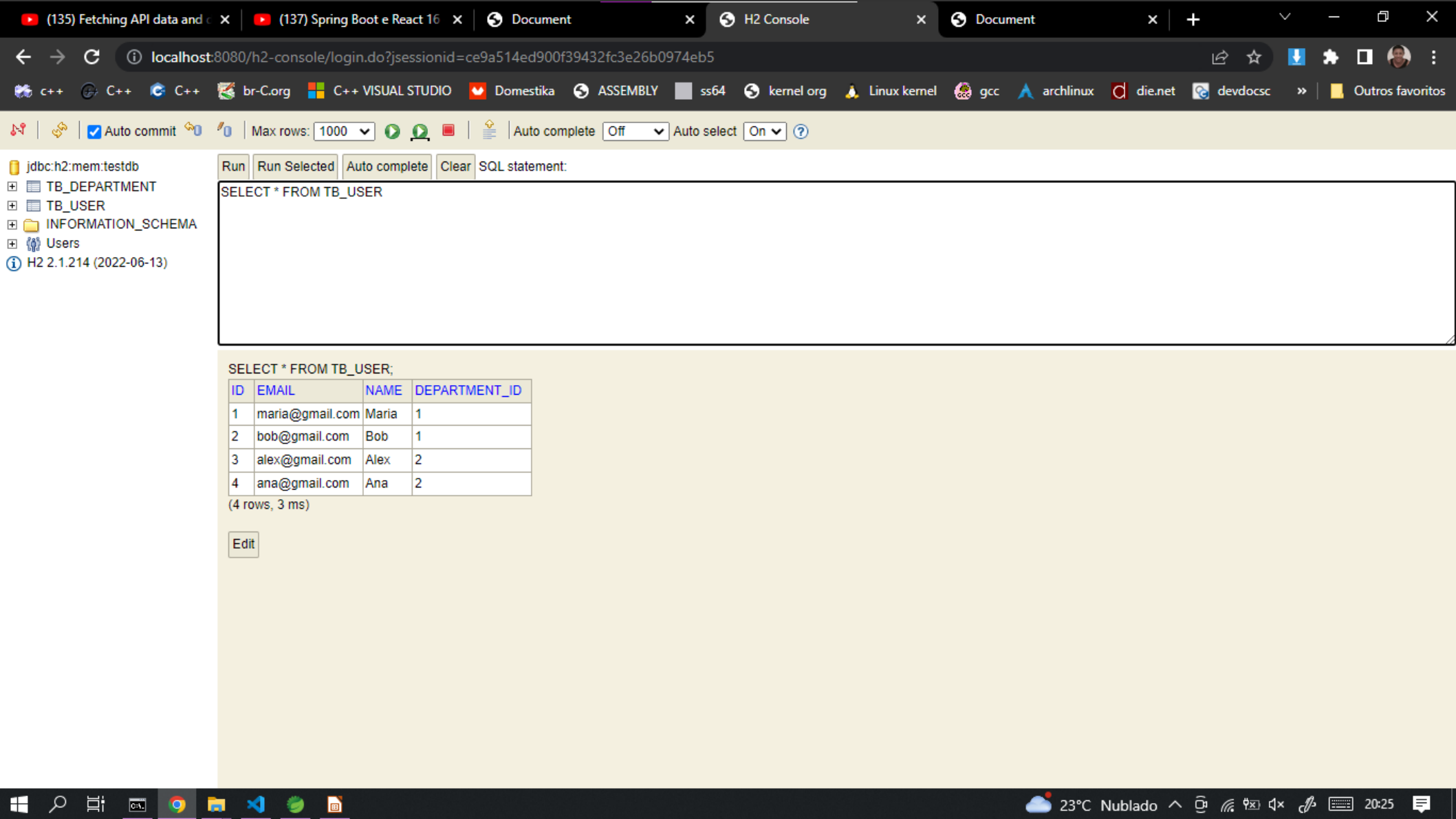
})

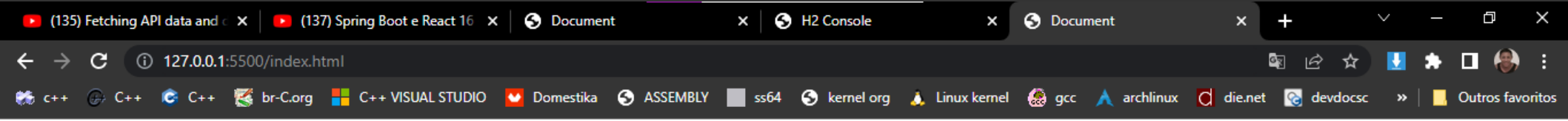

File Edit Selection View Go Run Terminal Help
index.html
script.js
redme.nd
redme.nd
package com.devsuperior.userdept.controllers;
import java.util.List;
import org.springframework.beans.factory.annotation.Autowired;
import org.springframework.web.bind.annotation.CrossOrigin;
import org.springframework.web.bind.annotation.GetMapping;
import org.springframework.web.bind.annotation.PathVariable;
import org.springframework.web.bind.annotation.PostMapping;
import org.springframework.web.bind.annotation.RequestBody;
import org.springframework.web.bind.annotation.RequestMapping;
import org.springframework.web.bind.annotation.RestController;
import com.devsuperior.userdept.entities.User;
import com.devsuperior.userdept.repositories.UserRepository;
@RestController
@CrossOrigin(origins = "*")
@RequestMapping(value = "/users")
public class UserController {
@Autowired
private UserRepository repository;
@GetMapping
public List<User> findAll(){
List<User> result = repository.findAll();
return result;
}
@GetMapping(value = "/{id}")
public User findById(@PathVariable Long id){
User result = repository.findById(id).get();
return result;
}
@PostMapping
public User insert(@RequestBody User user){
User result = repository.save(user);
return result;
}
}
==========
@CrossOrigin(origins = "*")
@CrossOrigin(origins = "http://localhost:8080")
essas duas linhas mudei no arquivo dentro do java



Use o protocolo do cors dentro do java para liberar o protocolo e depois resgate em javascript

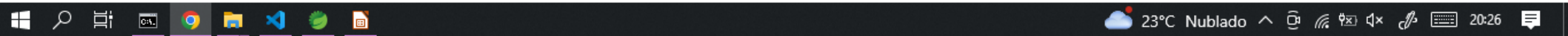

(135) Fetching API data and
(137) Spring Boot e React 16
Document
H2 Console
Document
127.0.0.1:5500/index.html
c++
C++
C++
br-C.org
C++ VISUAL STUDIO
Domestika
ASSEMBLY
ss64
kernel org
Linux kernel
gcc
archlinux
die.net
devdocsc
Outros favoritos
Dimensions: Responsive
728
374
75%
No throttling
API EM JAVA
ID
NAME
EMAIL
DEPARTMENT
1
Maria
maria@gmail.com
1 Gestão
2
Bob
bob@gmail.com
1 Gestão
3
Alex
alex@gmail.com
2 Informática
4
Ana
ana@gmail.com
2 Informática
Elements
Console
Sources
Network
Performance
Memory
Application
Security
Lighthouse
Recorder
Performance insights
top
Filter
Default levels
No Issues
Maria
script.js:5
Console
What's New
Issues
23°C
Nublado
20:25


(135) Fetching API data and
(137) Spring Boot e React 16
Document
H2 Console
Document
localhost:8080/h2-console/login.do?jsessionid=ce9a514ed900f39432fc3e26b0974eb5
c++
C++
C++
br-C.org
C++ VISUAL STUDIO
Domestika
ASSEMBLY
ss64
kernel org
Linux kernel
gcc
archlinux
die.net
devdocsc
Outros favoritos
Auto commit
Max rows: 1000
Auto complete Off
Auto select On
jdbc:h2:mem:testdb
TB_DEPARTMENT
TB_USER
INFORMATION_SCHEMA
Users
H2 2.1.214 (2022-06-13)
Run
Run Selected
Auto complete
Clear
SQL statement:
SELECT * FROM TB_USER
SELECT * FROM TB_USER;
ID EMAIL NAME DEPARTMENT_ID
1 maria@gmail.com Maria 1
2 bob@gmail.com Bob 1
3 alex@gmail.com Alex 2
4 ana@gmail.com Ana 2
(4 rows, 3 ms)
Edit
23°C Nublado
20:25



API EM JAVA

ID	NAME	EMAIL	DEPARTMENT
1	Maria	maria@gmail.com	1 Gestão
2	Bob	bob@gmail.com	1 Gestão
3	Alex	alex@gmail.com	2 Informática
4	Ana	ana@gmail.com	2 Informática



NANO 2023