

DESAFIO 11 – BACKEND CODERHOUSE

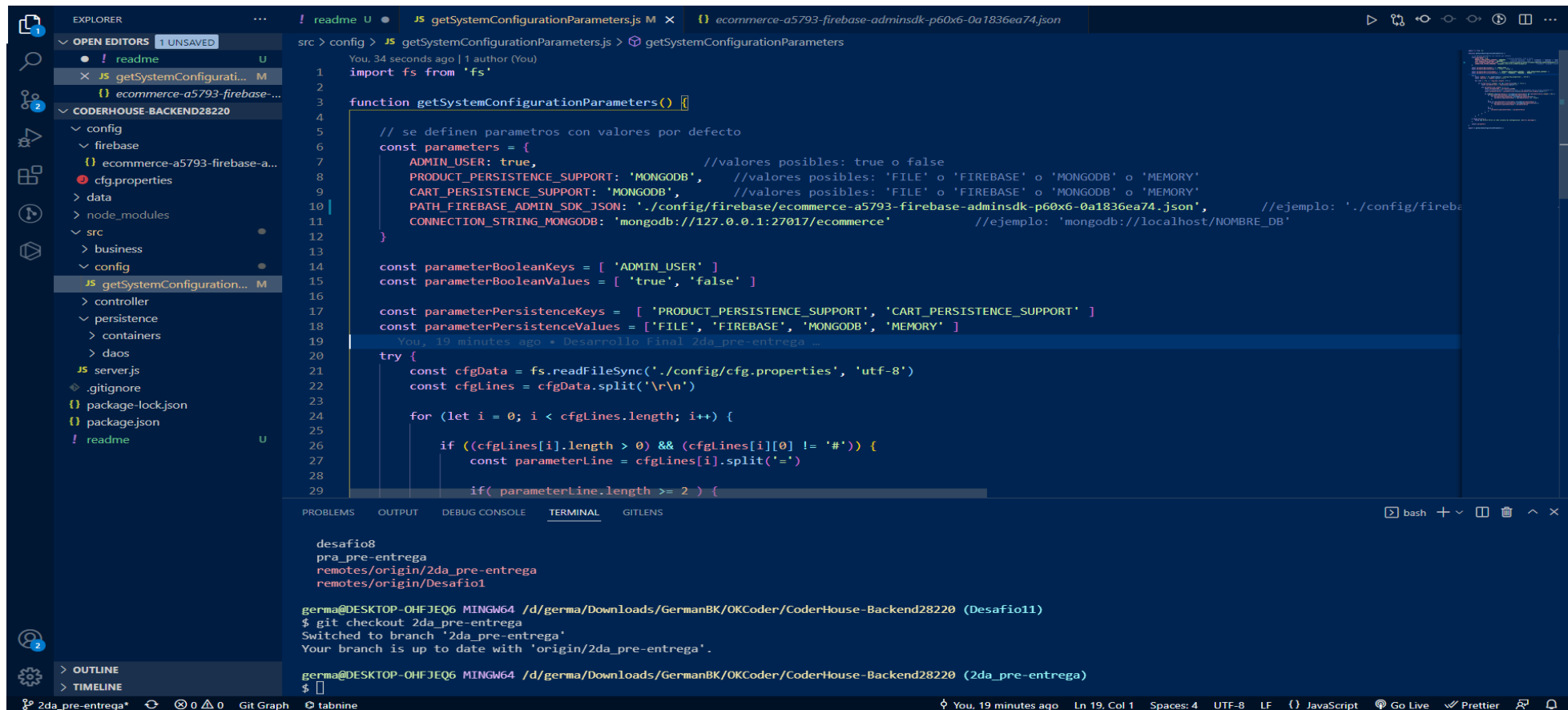
GERMÁN ALFONSO LOAIZA PINTO

CURSADA 28220

2022 - MARZO

Configuración

- En la ruta `src\config\getSystemConfigurationParameters.js` Podemos determinar con cual servidor arrancar la APP, es decir la funcionalidad de FILE – FIREBASE - MONGO



The screenshot shows the Visual Studio Code interface. The Explorer panel on the left displays the project structure, with the file `src\config\getSystemConfigurationParameters.js` selected. The main editor area shows the content of this file, which is a JavaScript module for configuring the application. The file starts with an import for the `fs` module and defines a `getSystemConfigurationParameters()` function. This function sets default values for various configuration parameters and reads a `cfg.properties` file to override them. The parameters include `ADMIN_USER`, `PRODUCT_PERSISTENCE_SUPPORT`, `CART_PERSISTENCE_SUPPORT`, `PATH_FIREBASE_ADMIN_SDK_JSON`, and `CONNECTION_STRING_MONGODB`. The function also defines arrays for boolean and persistence keys/values. It then attempts to read the `cfg.properties` file and parse its contents into key-value pairs.

```
1 import fs from 'fs'
2
3 function getSystemConfigurationParameters() {
4
5     // se definen parametros con valores por defecto
6     const parameters = {
7         ADMIN_USER: true, //valores posibles: true o false
8         PRODUCT_PERSISTENCE_SUPPORT: 'MONGODB', //valores posibles: 'FILE' o 'FIREBASE' o 'MONGODB' o 'MEMORY'
9         CART_PERSISTENCE_SUPPORT: 'MONGODB', //valores posibles: 'FILE' o 'FIREBASE' o 'MONGODB' o 'MEMORY'
10        PATH_FIREBASE_ADMIN_SDK_JSON: './config/firebase/e-commerce-a5793-firebase-adminsdk-p60x6-0a1836ea74.json', //ejemplo: './config/firebase-adminsdk-p60x6-0a1836ea74.json'
11        CONNECTION_STRING_MONGODB: 'mongodb://127.0.0.1:27017/e-commerce' //ejemplo: 'mongodb://localhost/NOMBRE_DB'
12    }
13
14    const parameterBooleanKeys = [ 'ADMIN_USER' ]
15    const parameterBooleanValues = [ 'true', 'false' ]
16
17    const parameterPersistenceKeys = [ 'PRODUCT_PERSISTENCE_SUPPORT', 'CART_PERSISTENCE_SUPPORT' ]
18    const parameterPersistenceValues = [ 'FILE', 'FIREBASE', 'MONGODB', 'MEMORY' ]
19
20    try {
21        const cfgData = fs.readFileSync('./config/cfg.properties', 'utf-8')
22        const cfgLines = cfgData.split('\n')
23
24        for (let i = 0; i < cfgLines.length; i++) {
25
26            if ((cfgLines[i].length > 0) && (cfgLines[i][0] != '#')) {
27                const parameterLine = cfgLines[i].split('=')
28
29                if( parameterLine.length >= 2 ) {
```

The terminal window at the bottom shows the following commands and output:

```
desafio8
pra_pre-entrega
remotes/origin/2da_pre-entrega
remotes/origin/Desafio1

germa@DESKTOP-OHFJEQ6 MINGW64 /d/germa/Downloads/GermanBK/OKCoder/CoderHouse-Backend28220 (Desafio11)
$ git checkout 2da_pre-entrega
Switched to branch '2da_pre-entrega'
Your branch is up to date with 'origin/2da_pre-entrega'.

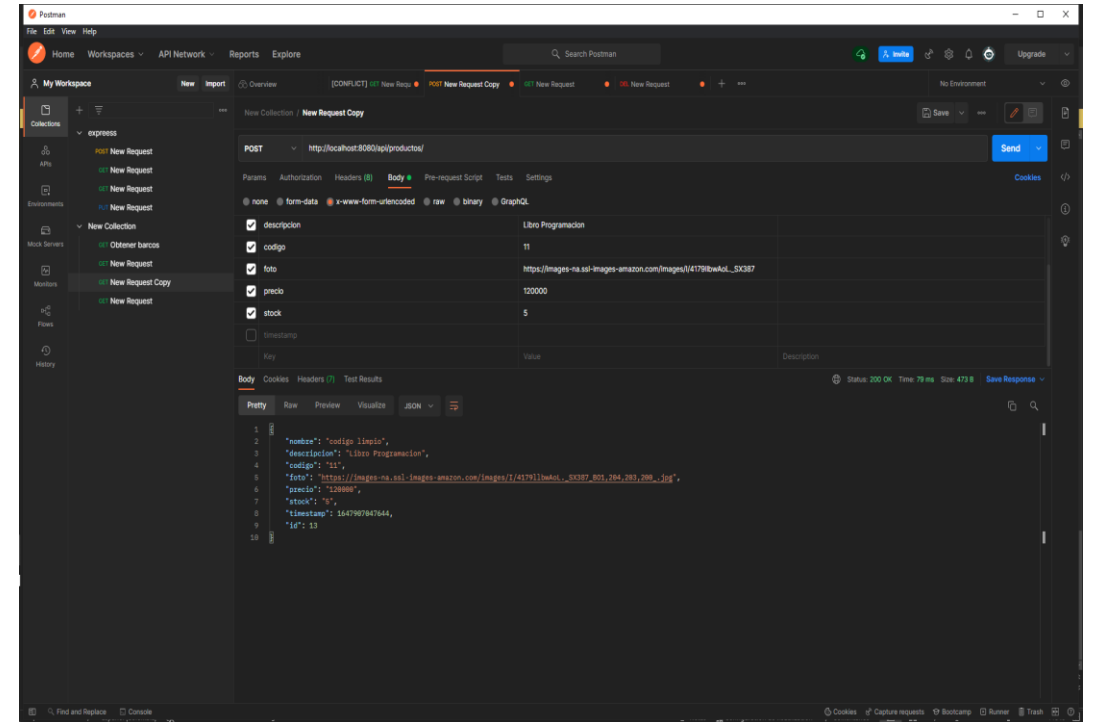
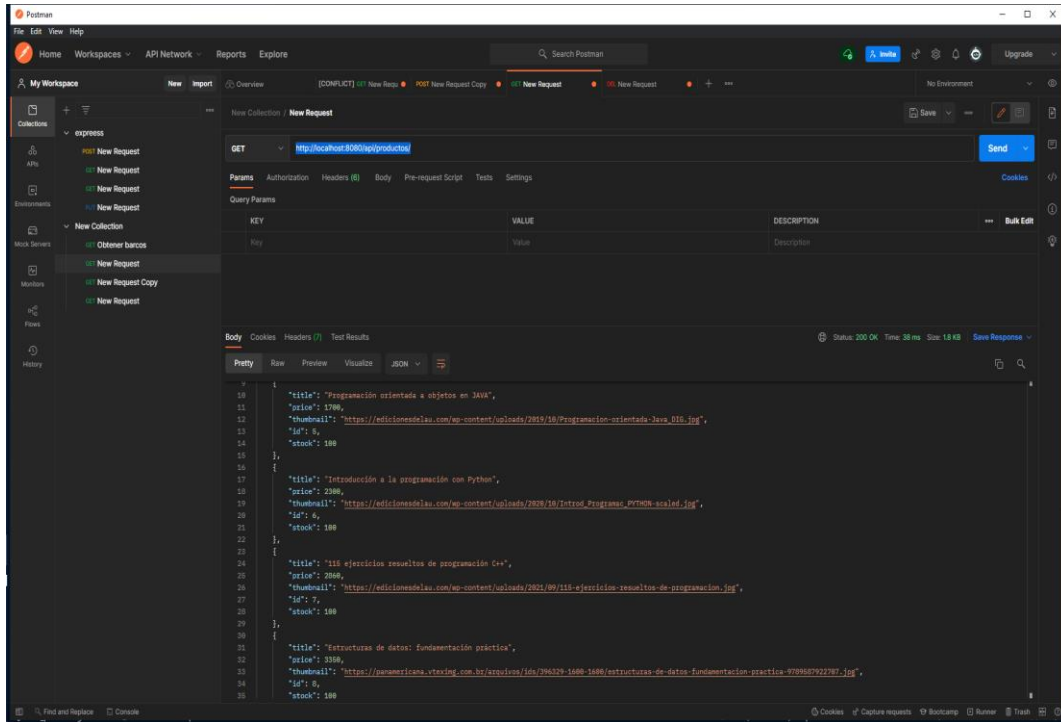
germa@DESKTOP-OHFJEQ6 MINGW64 /d/germa/Downloads/GermanBK/OKCoder/CoderHouse-Backend28220 (2da_pre-entrega)
$
```

Rutas Pruebas POSTMAN

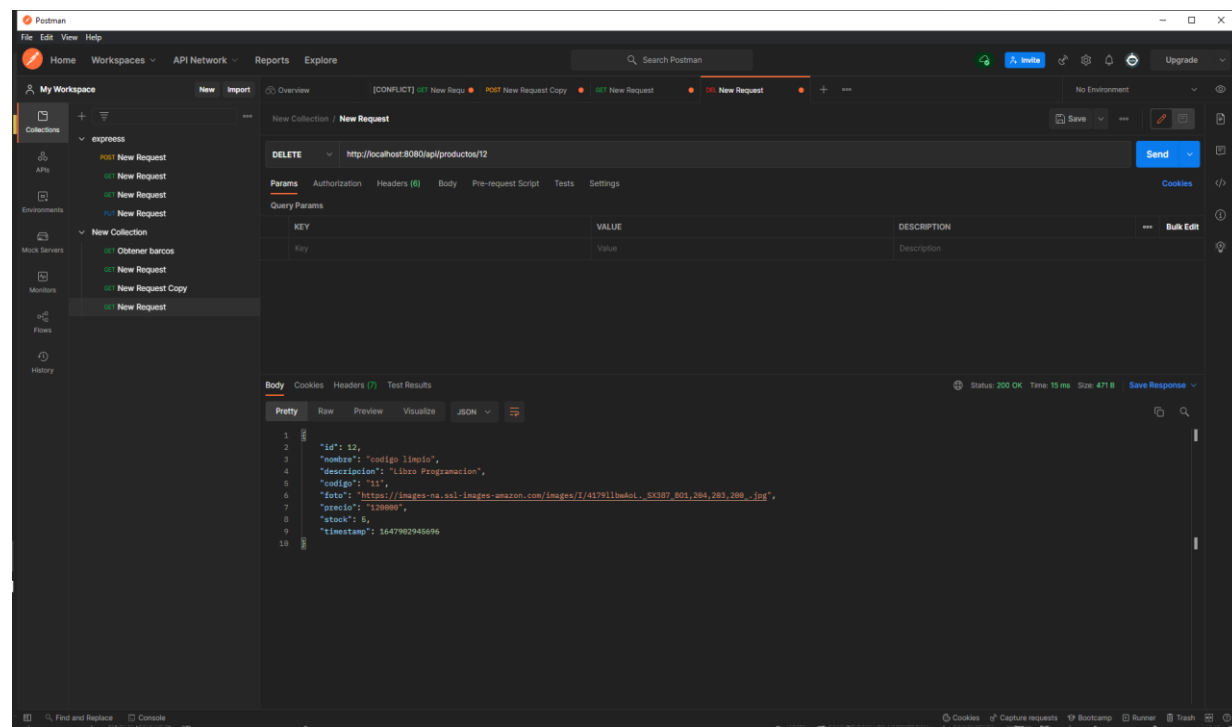
- Listar Todos los Productos => GET: <http://localhost:8080/api/productos/>
- Listar Un Producto => GET: <http://localhost:8080/api/productos/4>
- Ingresar Producto => POST: <http://localhost:8080/api/productos/>
- Modificar Producto => PUT: <http://localhost:8080/api/productos/>
- Delete Todos los Productos => DELETE: <http://localhost:8080/api/productos/>
- Delete Un Producto => DELETE: <http://localhost:8080/api/productos/4>

Pantallazos Pruebas POSTMAN

- USANDO MONGO

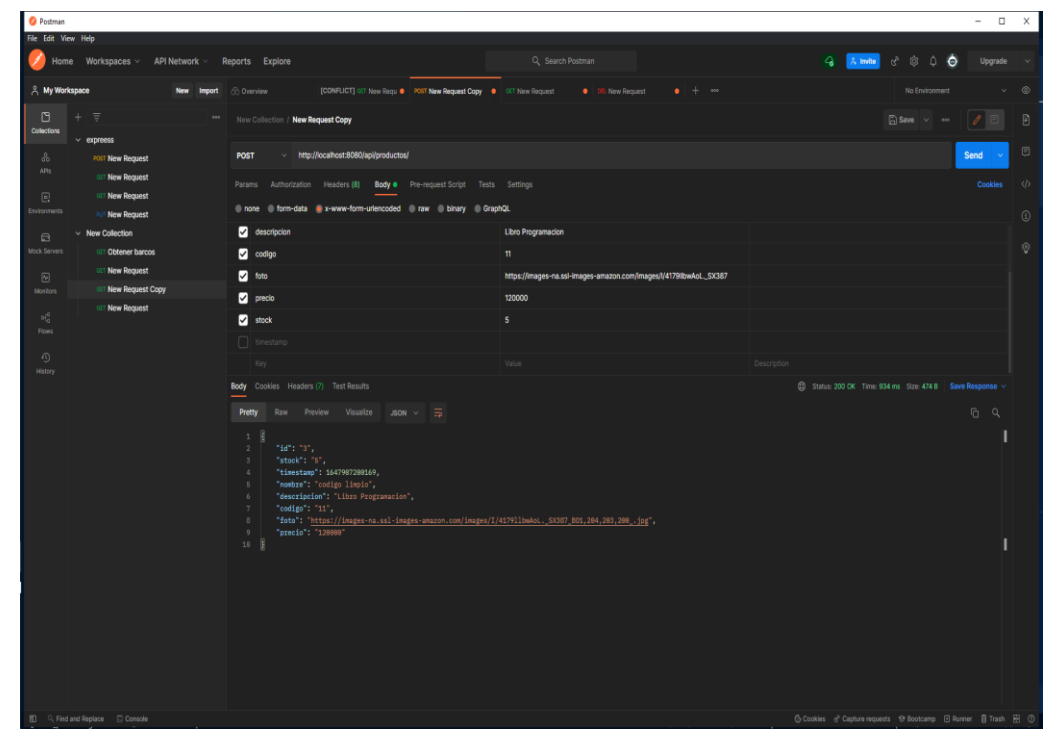
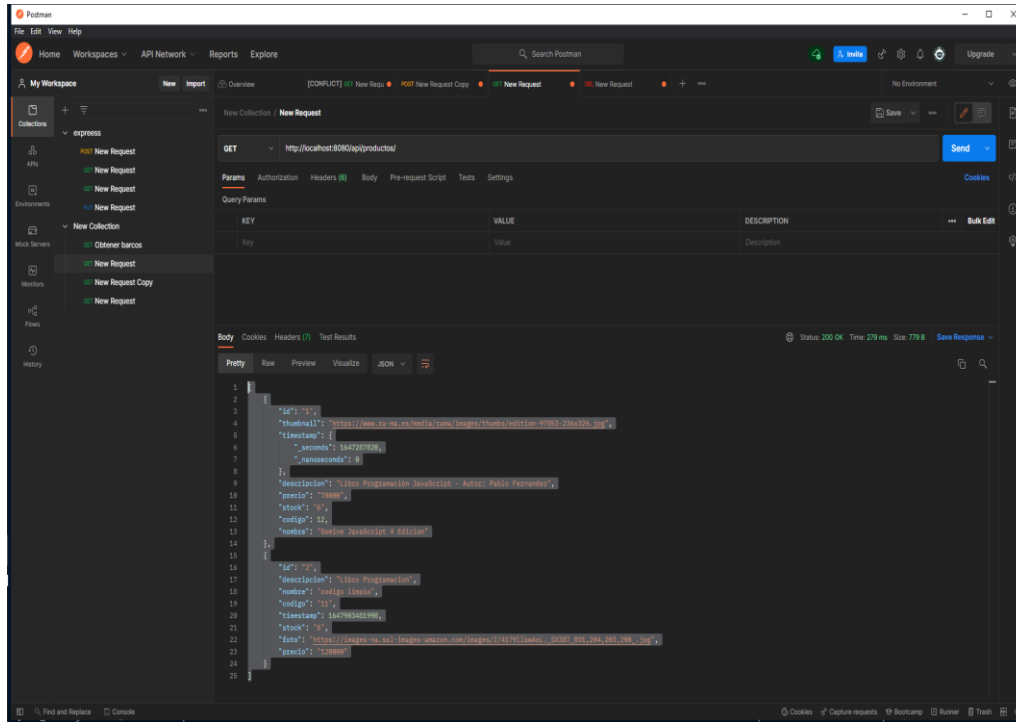


Pantallazos Pruebas POSTMAN



Pantallazos Pruebas POSTMAN

- USANDO FIREBASE



Pantallazos Pruebas POSTMAN

