Universidad de San Carlos de Guatemala

Facultad de Ingeniería

Escuela de Ciencias y Sistemas

Software Avanzado

Documentación – Práctica 4

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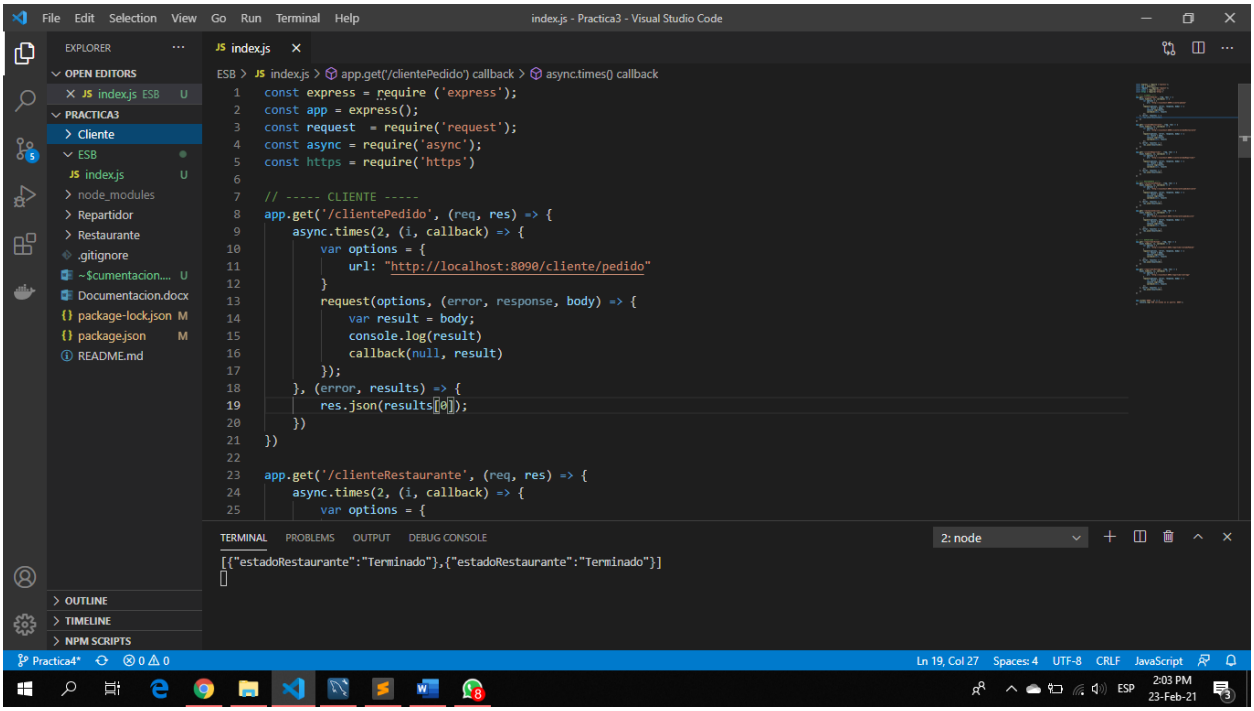
ESB

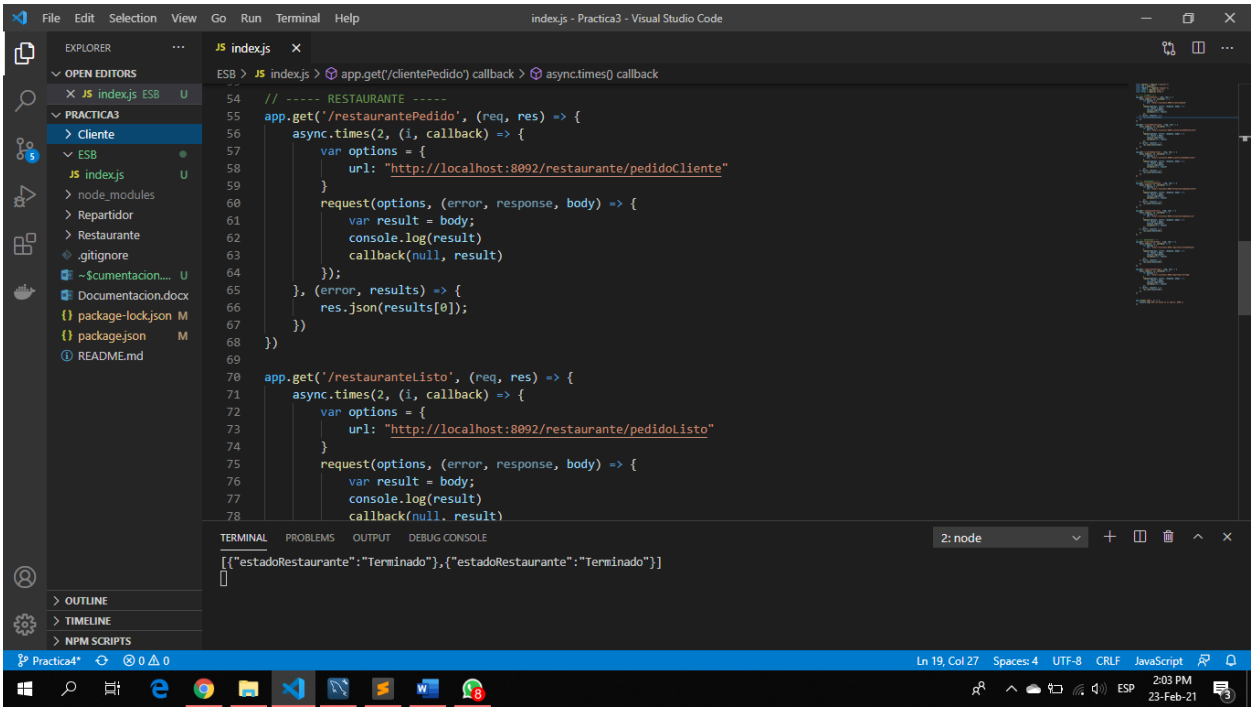
El servicio encargado de redireccionar las solicitudes es u nuevo servicio que corre en el puerto 8089.

Todo el código se encuentra en index.js de la carpeta ESB.

Index.js

Con comentarios se separan las llamadas al cliente, repartido y restaurante.




File Edit Selection View Go Run Terminal Help
index.js - Practica3 - Visual Studio Code
EXPLORER
OPEN EDITORS
index.js ESB U
PRACTICA3
Cliente
ESB
index.js U
node_modules
Repartidor
Restaurante
.gitignore
~$cumentacion.... U
Documentacion.docx
package-lock.json M
package.json M
README.md
OUTLINE
TIMELINE
NPM SCRIPTS
index.js
ESB > index.js > app.get('/clientePedido') callback > async.times() callback
54 // ----- RESTAURANTE -----
55 app.get('/restaurantePedido', (req, res) => {
56 async.times(2, (i, callback) => {
57 var options = {
58 url: "http://localhost:8092/restaurante/pedidoCliente"
59 }
60 request(options, (error, response, body) => {
61 var result = body;
62 console.log(result)
63 callback(null, result)
64 });
65 }, (error, results) => {
66 res.json(results[0]);
67 })
68 })
69
70 app.get('/restauranteListo', (req, res) => {
71 async.times(2, (i, callback) => {
72 var options = {
73 url: "http://localhost:8092/restaurante/pedidoListo"
74 }
75 request(options, (error, response, body) => {
76 var result = body;
77 console.log(result)
78 callback(null, result)
TERMINAL PROBLEMS OUTPUT DEBUG CONSOLE
2: node
[{"estadoRestaurante":"Terminado"},{"estadoRestaurante":"Terminado"}]
Practica4* 0 0
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ESP
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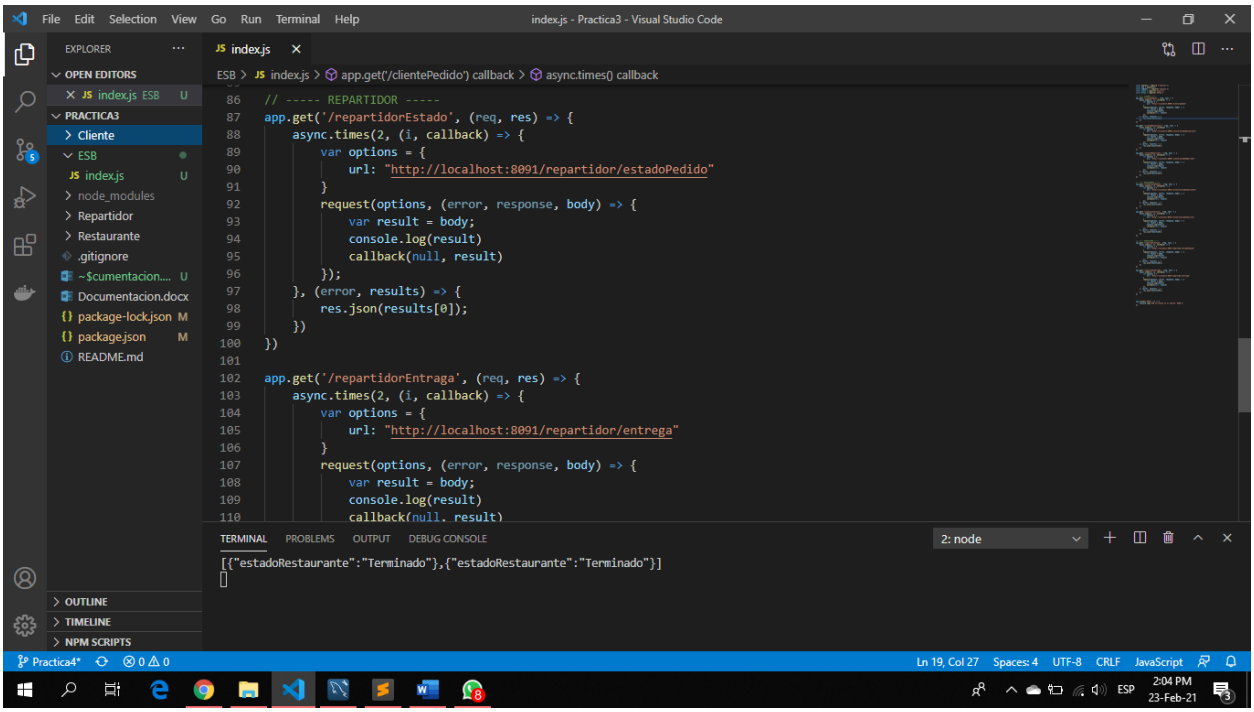
File Edit Selection View Go Run Terminal Help
index.js - Practica3 - Visual Studio Code
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NPM SCRIPTS
index.js
ESB > index.js > app.get('/clientePedido') callback > async.times() callback
86 // ----- REPARTIDOR -----
87 app.get('/repartidorEstado', (req, res) => {
88 async.times(2, (i, callback) => {
89 var options = {
90 url: "http://localhost:8091/repartidor/estadoPedido"
91 }
92 request(options, (error, response, body) => {
93 var result = body;
94 console.log(result)
95 callback(null, result)
96 });
97 }, (error, results) => {
98 res.json(results[0]);
99 })
100 })
101
102 app.get('/repartidorEntraga', (req, res) => {
103 async.times(2, (i, callback) => {
104 var options = {
105 url: "http://localhost:8091/repartidor/entrega"
106 }
107 request(options, (error, response, body) => {
108 var result = body;
109 console.log(result)
110 callback(null, result)
TERMINAL PROBLEMS OUTPUT DEBUG CONSOLE
2: node
[{"estadoRestaurante":"Terminado"},{"estadoRestaurante":"Terminado"}]
Practica4* 0 0
Ln 19, Col 27 Spaces: 4 UTF-8 CRLF JavaScript
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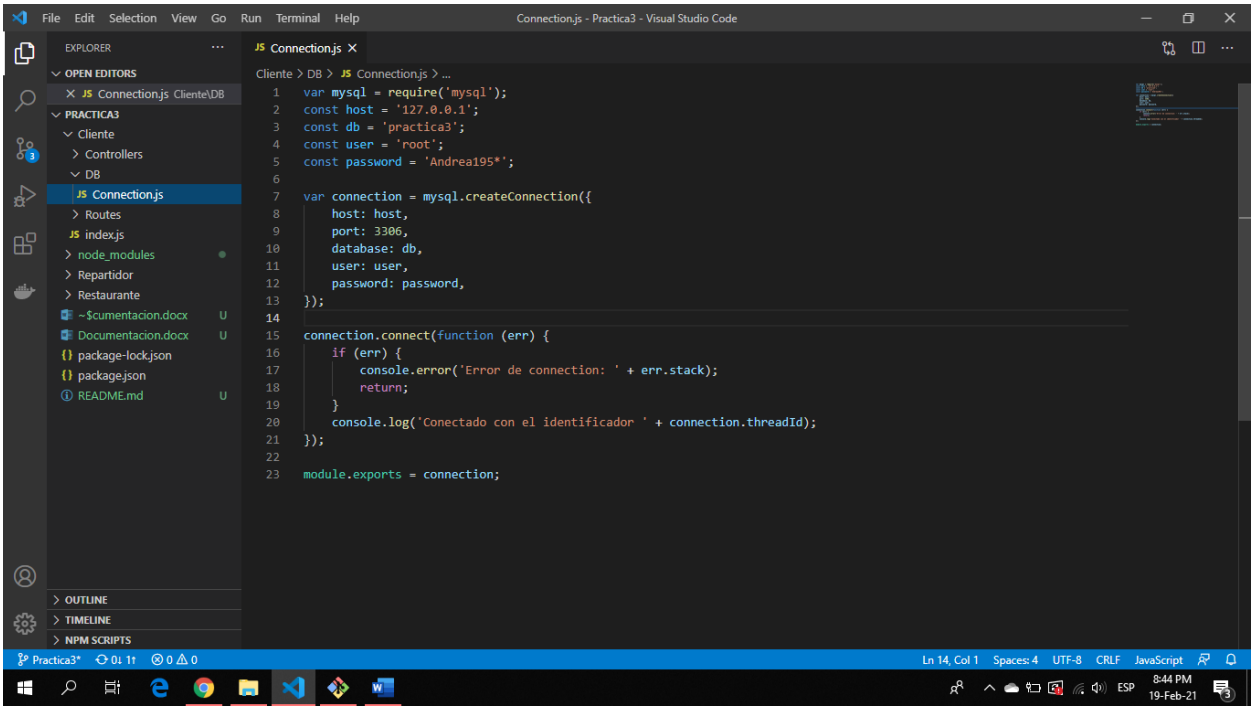
23-Feb-21

Servicios de la Práctica 3

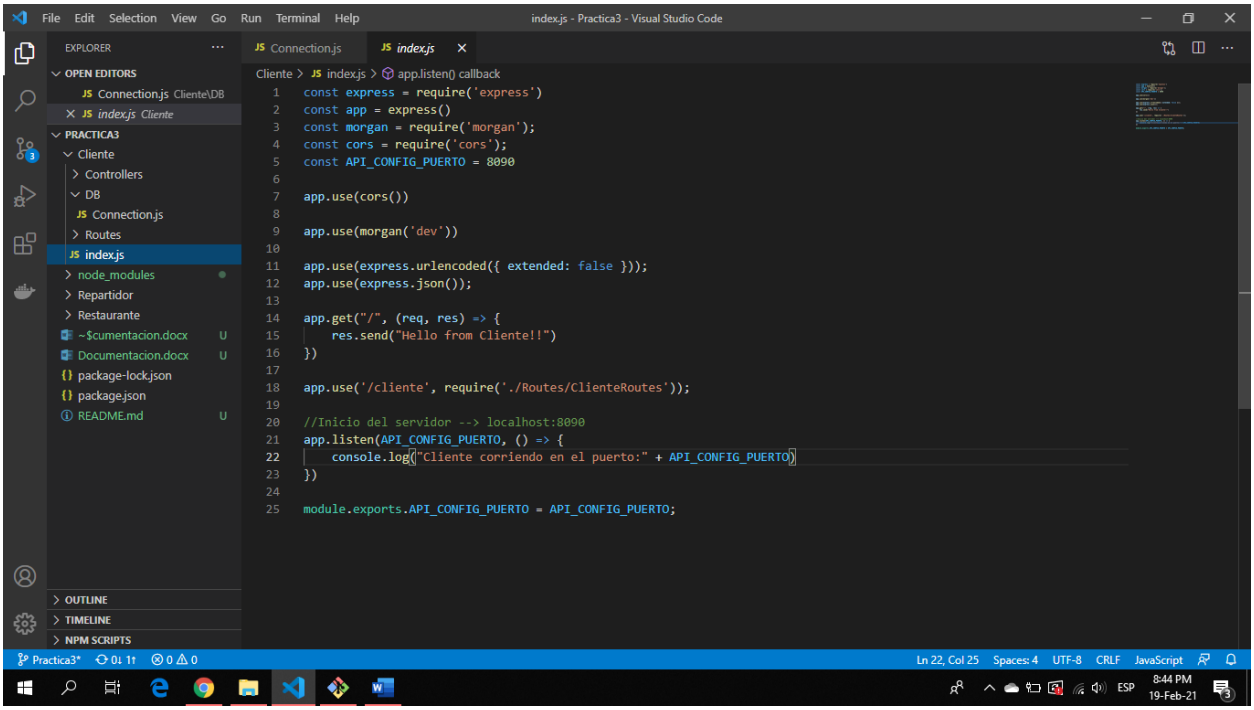
Conexión con la base de datos



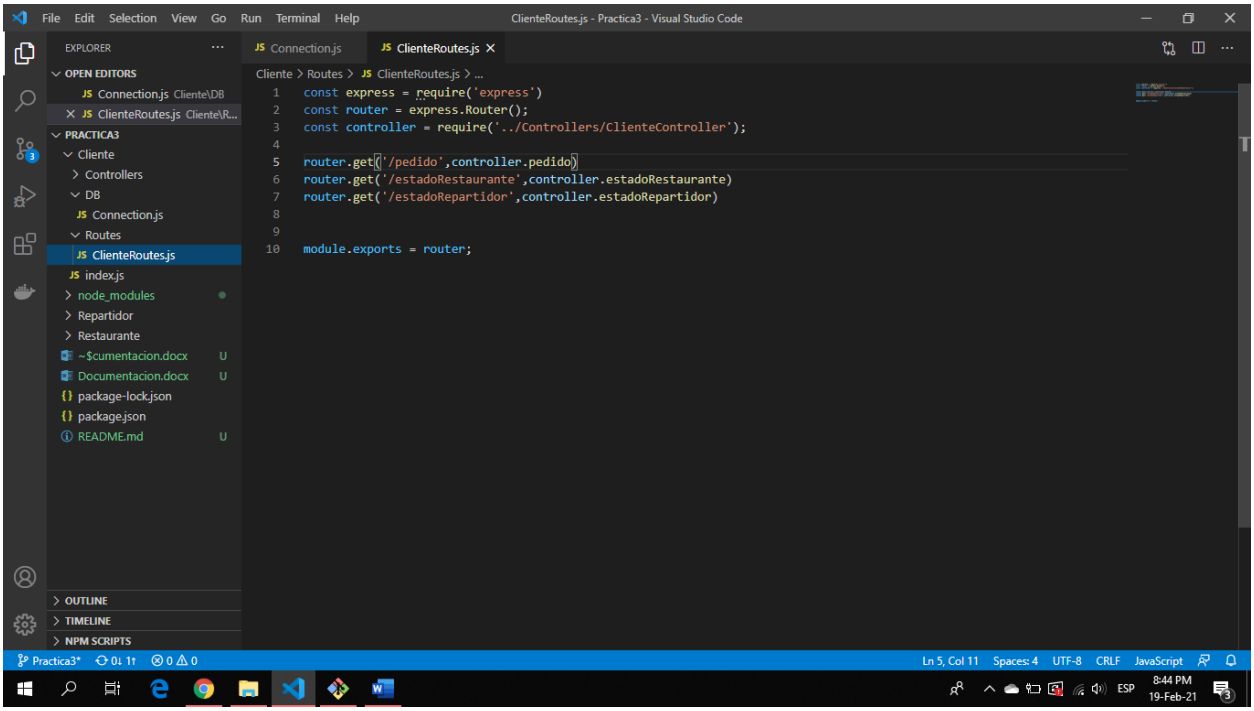
Existe un archivo de conexión para el cliente, restaurante y repartidor. Todos contienen la misma información ya que todos se conectan a la misma base de datos.

Cliente

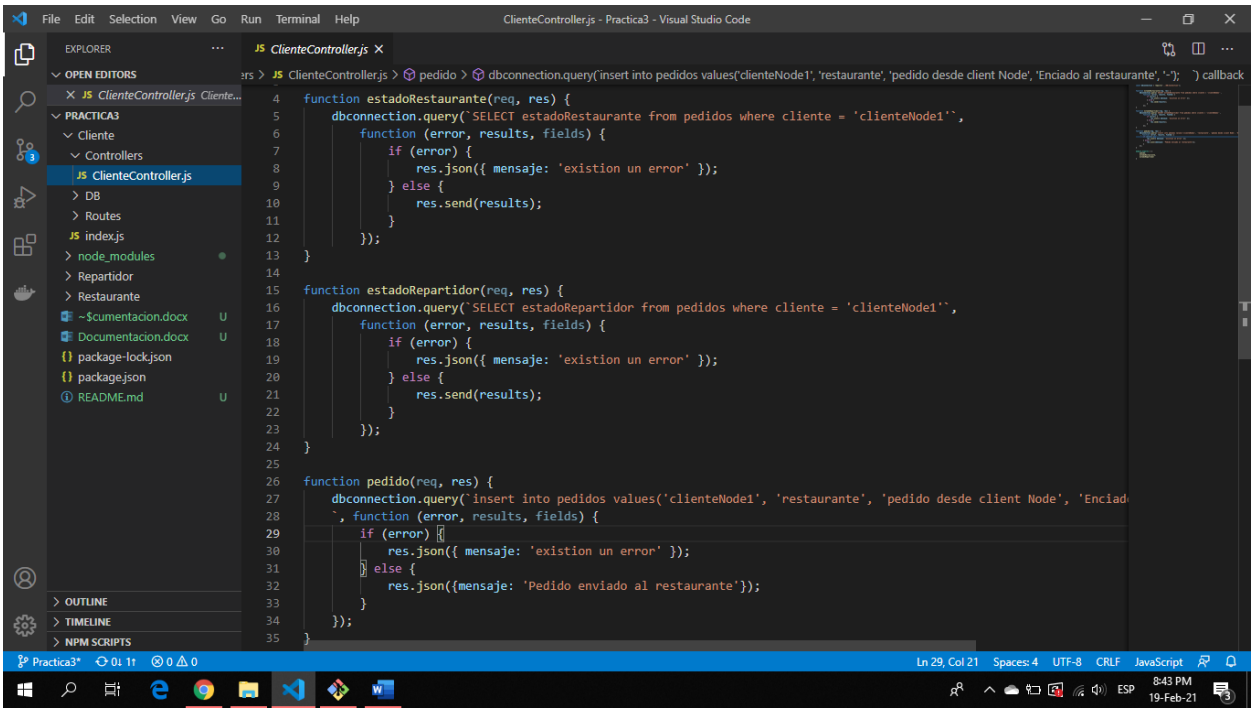
Index.js



Rutas

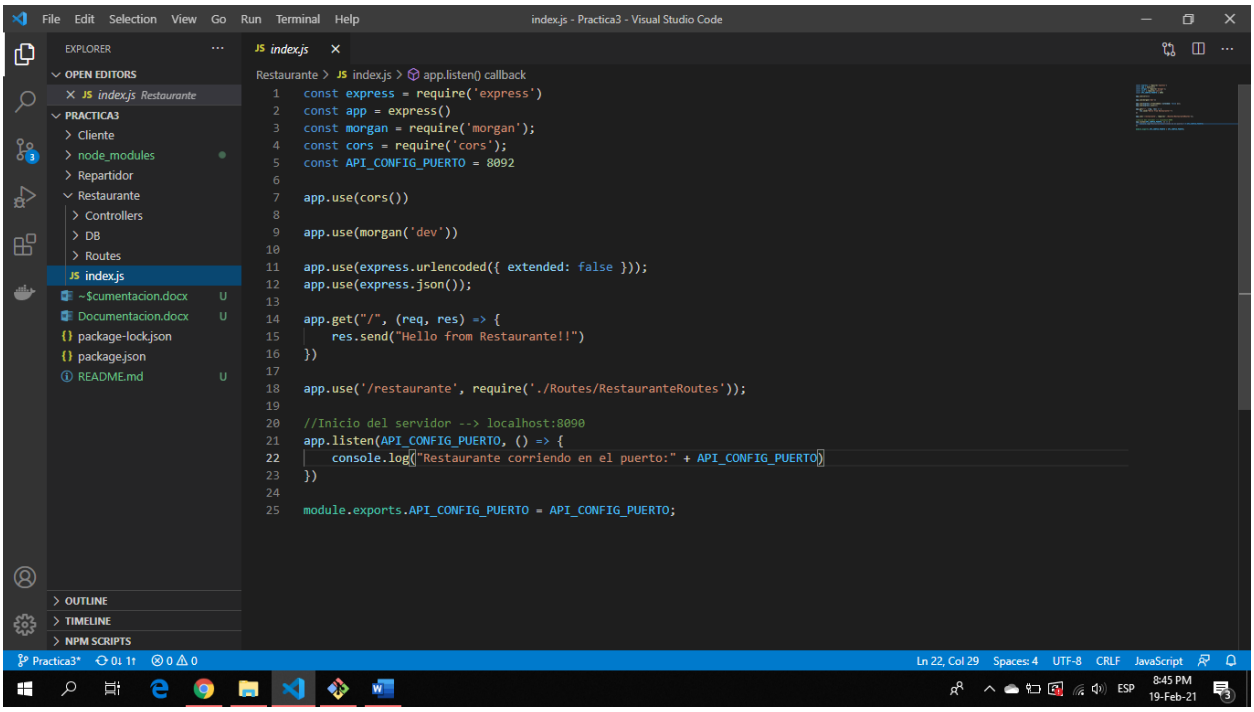


Controller

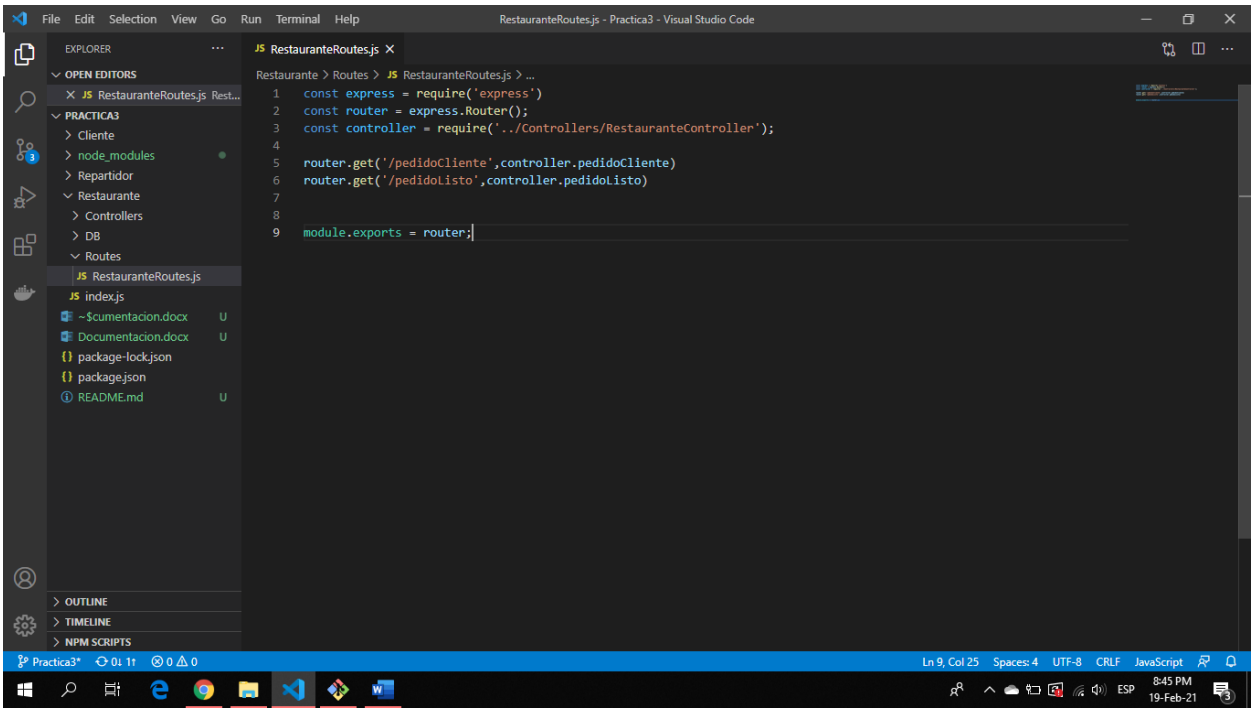


Restaurante

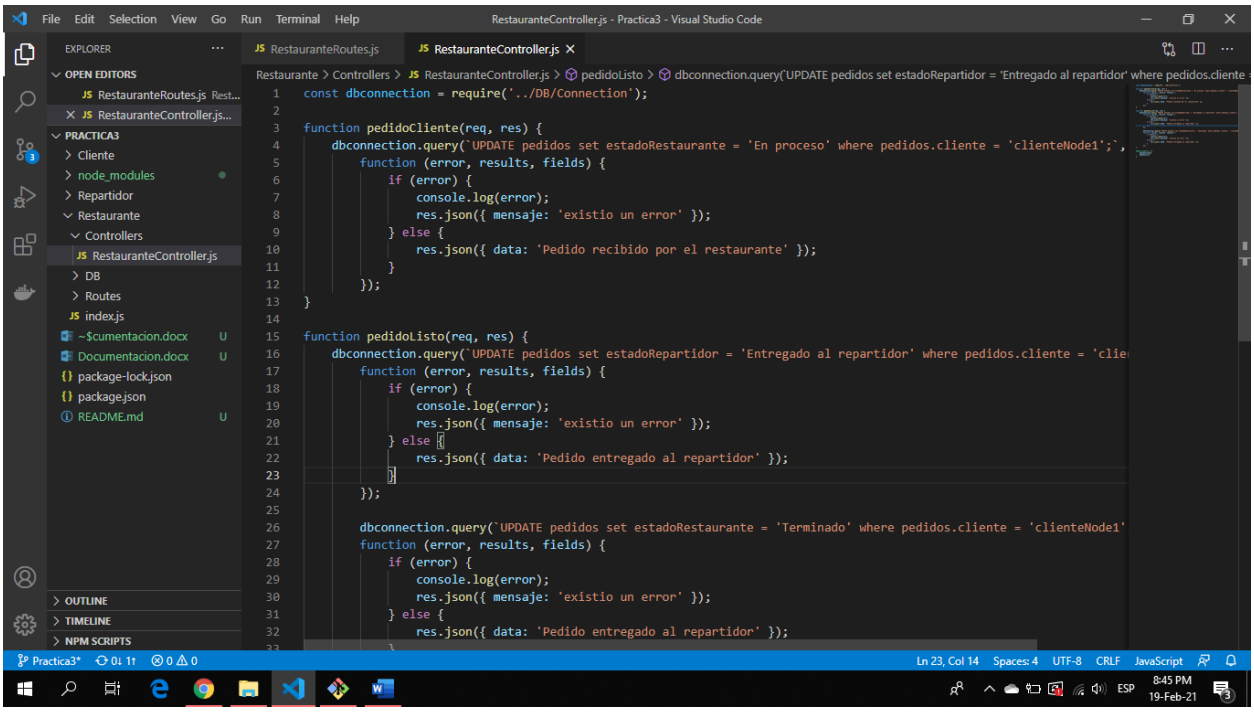
Index.js



Rutas

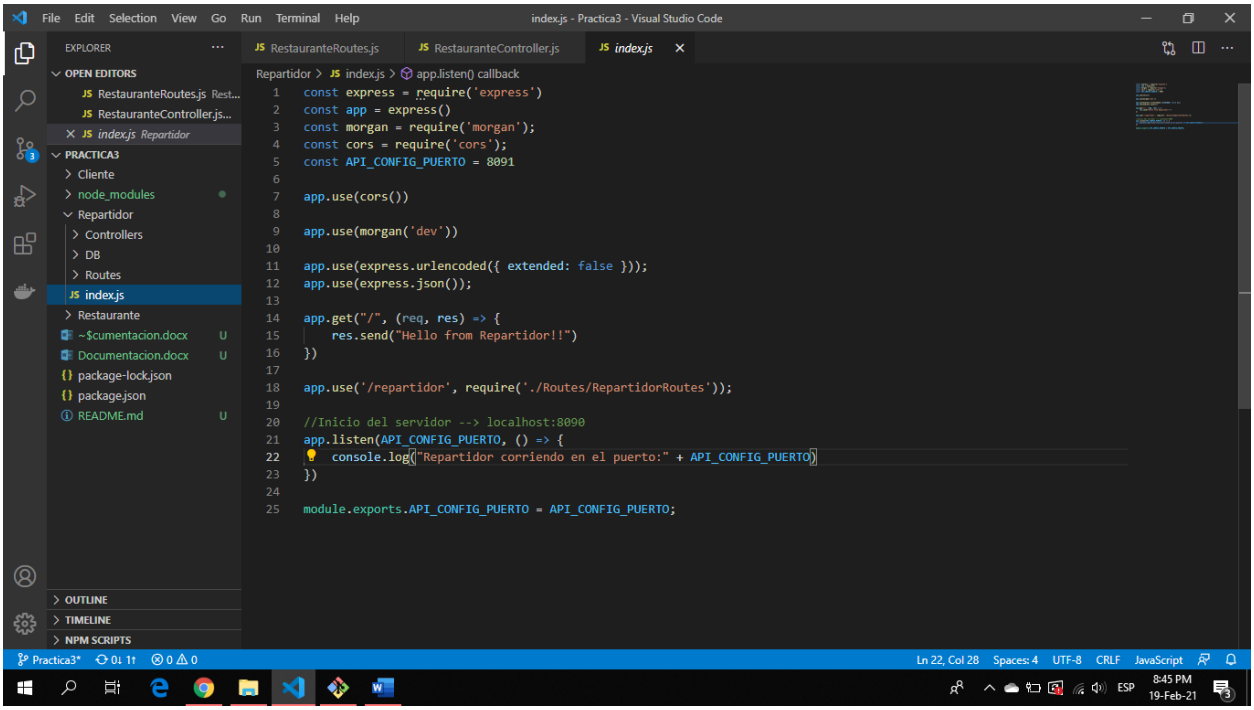


Controller

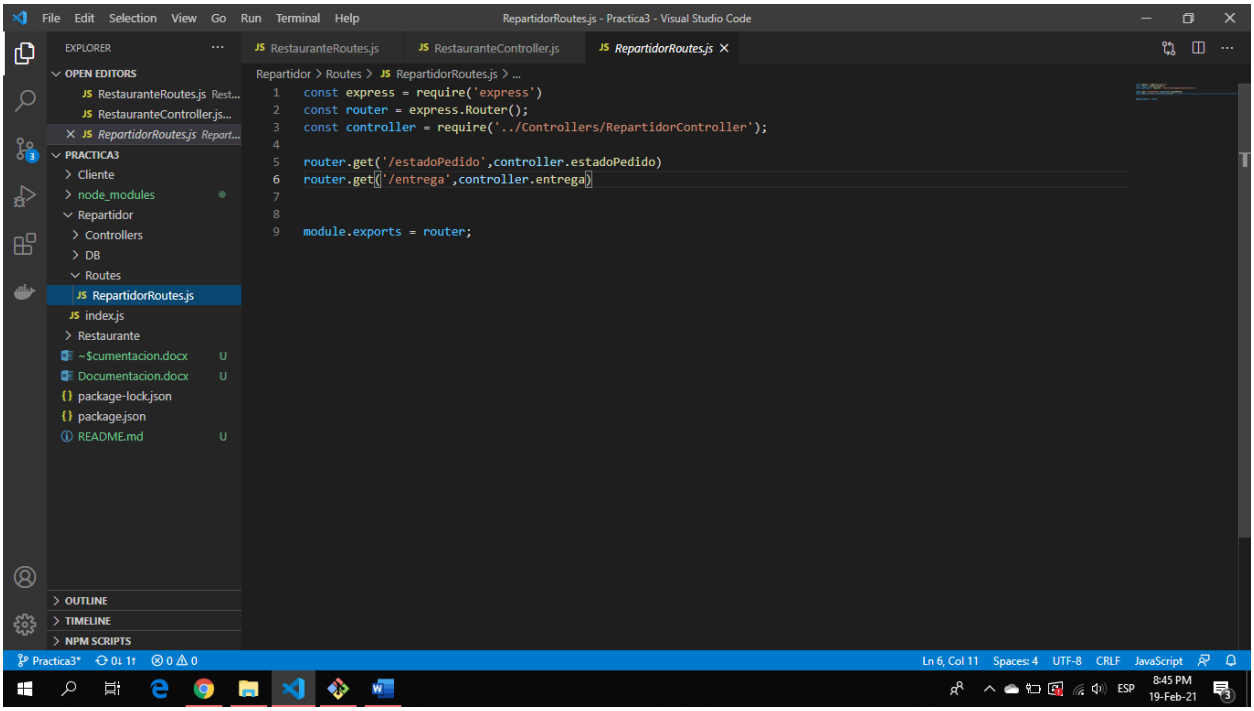


Repartidor

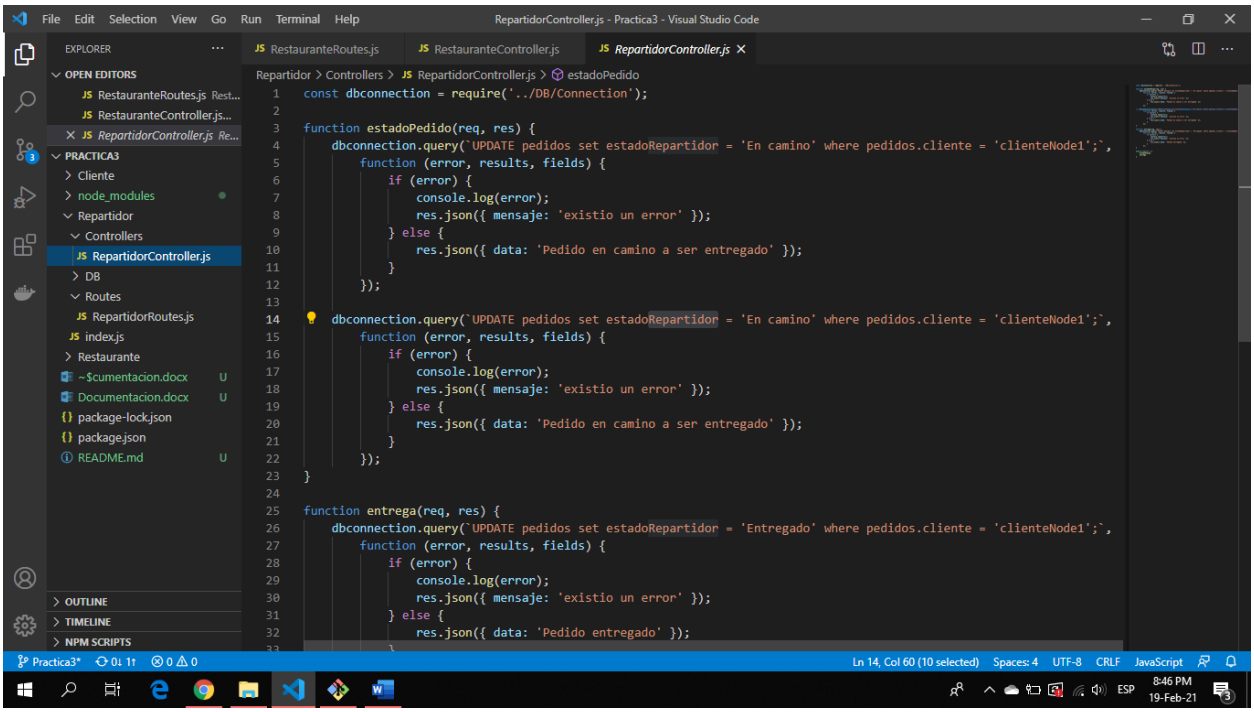
Index.js



Rutas



Controller



Información

- El cliente corre en el puerto 8090
- El repartidor corre en el puerto 8091
- El restaurante corre en el puerto 8092