

Exercici 05

- Crear una carpeta amb el nom ex05

```
angel@angel-VirtualBox:~$ mkdir ex05
```

- Inicialitzar un projecte Nodejs amb npm dins la carpeta ex05

```
angel@angel-VirtualBox:~$ cd ex05
```


```
angel@angel-VirtualBox:~/ex05$ npm init -y
Wrote to /home/angel/ex05/package.json:

{
  "name": "ex05",
  "version": "1.0.0",
  "description": "",
  "main": "index.js",
  "scripts": {
    "test": "echo \"Error: no test specified\" && exit 1"
  },
  "keywords": [],
  "author": "",
  "license": "ISC"
}
```

```
angel@angel-VirtualBox:~/ex05$ ls
package.json
```

- El nom del projecte ha de ser Exercici05

```
angel@angel-VirtualBox:~/ex05$ nano package.json
```



```
angel@angel-VirtualBox: ~/ex05
GNU nano 4.8 package.json Modificado
{
  "name": "Exercici05",
  "version": "1.0.0",
  "description": "",
  "main": "index.js",
  "scripts": {
    "test": "echo \"Error: no test specified\" && exit 1"
  },
  "keywords": [],
  "author": "",
  "license": "ISC"
}
```

- Crea l'arxiu index.js

```
angel@angel-VirtualBox:~/ex05$ touch index.js
```

```
angel@angel-VirtualBox:~/ex05$ ls
index.js  package.json
```

- Instal·la el mòdul express
- Llegeix la informació del mòdul abans d'utilitzar-lo

```
angel@angel-VirtualBox:~/ex05$ npm install express
```

Crea els arxius: index.html i products.html dins la una carpeta

- localhost:3000 - crida a index.html
- localhost:3000/products - crida a products.html

```
angel@angel-VirtualBox:~/ex05$ mkdir public
```

```
angel@angel-VirtualBox:~/ex05$ cd public/
angel@angel-VirtualBox:~/ex05/public$
```

```
angel@angel-VirtualBox:~/ex05/public$ touch index.html products.html
```

```
angel@angel-VirtualBox:~/ex05/public$ ls
index.html  products.html
```

Els arxius HTML han d'estar ben formats

- index.html:
 - h1: Nom i Cognoms
 - h2: Introducció Nodejs
 - 3p: Algo sobre Nodejs (el que vulguis)
 - a: link per anar a *products*

```
angel@angel-VirtualBox: ~/ex05/public
GNU nano 4.8 index.html Modificado
<!DOCTYPE html>
<html>
  <head>
    <title>Ex05 Node.js</title>
    <style>
      body {
        font-family: Arial, sans-serif;
        background-color: #f7f7f7;
        color: #333;
        padding: 20px;
      }

      h1 {
        font-size: 32px;
        margin-bottom: 20px;
      }

      h2 {
        font-size: 24px;
        margin-bottom: 10px;
      }

      p {
        font-size: 16px;
        line-height: 1.5;
        margin-bottom: 20px;
      }

      a {
        display: inline-block;
        padding: 10px 20px;
        background-color: #333;
        color: white;
        text-decoration: none;
        border-radius: 5px;
        transition: background-color 0.3s ease;
      }

      a:hover {
        background-color: #444;
      }
    </style>
  </head>
  <body>
    <h1>Àngel Blasco Benedicto</h1>
    <h2>Introducció Nodejs</h2>
    <p>Node.js és un entorn de temps d'execució de JavaScript al costat del</p>
    <a href="/products">Anar a productes</a>
  </body>
</html>
```

- products.html:
 - table: 2 th (thead + tbody(5tr))
 - Pots posar els productes que vulguis

```

angel@angel-VirtualBox: ~/ex05/public
GNU nano 4.8 products.html Modificado
<!DOCTYPE html>
<html>
<head>
  <title>Productes</title>
</head>
<body>
  <table>
    <thead>
      <tr>
        <th>Producte</th>
        <th>Preu</th>
      </tr>
    </thead>
    <tbody>
      <tr>
        <td>Producte 1</td>
        <td>10€</td>
      </tr>
      <tr>
        <td>Producte 2</td>
        <td>15€</td>
      </tr>
      <tr>
        <td>Producte 3</td>
        <td>20€</td>
      </tr>
      <tr>
        <td>Producte 4</td>
        <td>25€</td>
      </tr>
      <tr>
        <td>Producte 5</td>
        <td>30€</td>
      </tr>
    </tbody>
  </table>
</body>
</html>

```

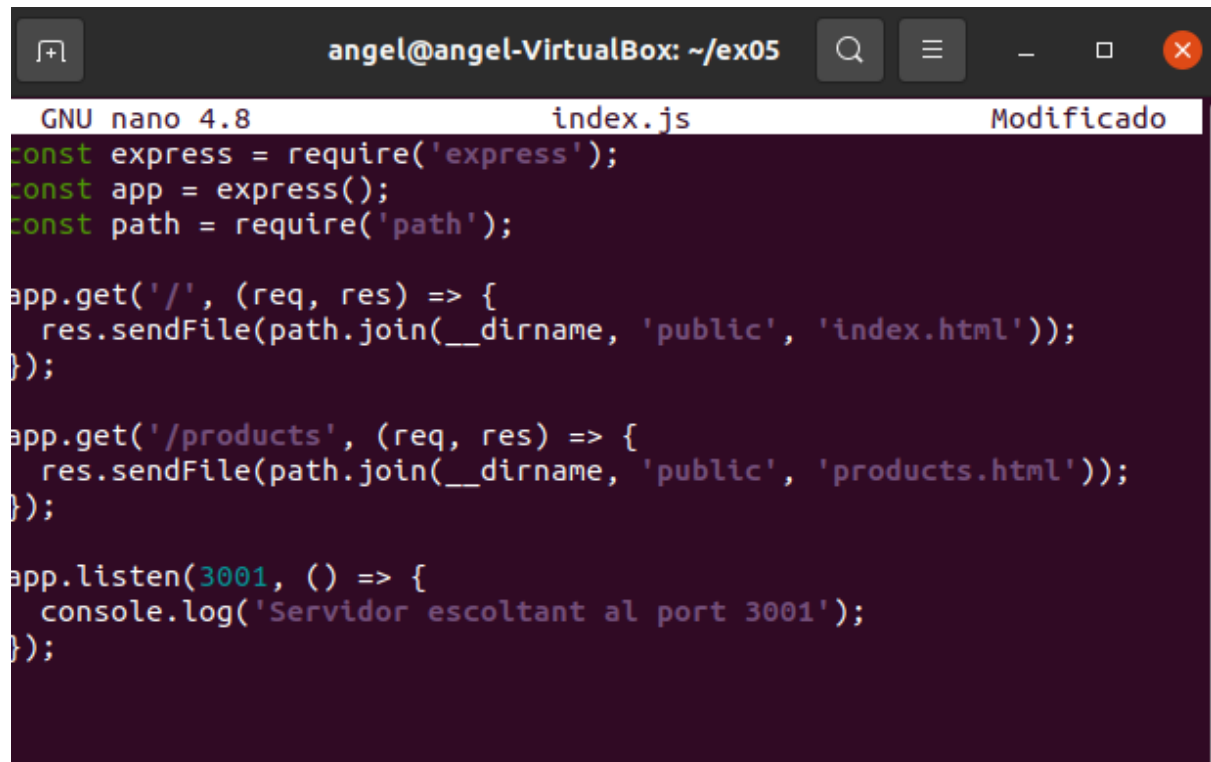
```

</head>
<body>
  <table>
    <thead>
      <tr>
        <th>Producte</th>
        <th>Preu</th>
      </tr>
    </thead>
    <tbody>
      <tr>
        <td>Producte 1</td>
        <td>10€</td>
      </tr>
      <tr>
        <td>Producte 2</td>
        <td>15€</td>
      </tr>
      <tr>
        <td>Producte 3</td>
        <td>20€</td>
      </tr>
      <tr>
        <td>Producte 4</td>
        <td>25€</td>
      </tr>
      <tr>
        <td>Producte 5</td>
        <td>30€</td>
      </tr>
    </tbody>
  </table>
</body>
</html>

```

^G Ver ayuda ^O Guardar ^W Buscar ^K Cortar Tex ^J Justificar
 ^X Salir ^R Leer fich. ^\ Reemplazar ^U Pegar ^T Ortografia

```
angel@angel-VirtualBox:~/ex05/public$ cd ..  
angel@angel-VirtualBox:~/ex05$ nano index.js
```



```
GNU nano 4.8 index.js Modificado  
const express = require('express');  
const app = express();  
const path = require('path');  
  
app.get('/', (req, res) => {  
  res.sendFile(path.join(__dirname, 'public', 'index.html'));  
});  
  
app.get('/products', (req, res) => {  
  res.sendFile(path.join(__dirname, 'public', 'products.html'));  
});  
  
app.listen(3001, () => {  
  console.log('Servidor escoltant al port 3001');  
});
```

```
angel@angel-VirtualBox:~/ex05$ node index.js  
Servidor escoltant al port 3001  
▶
```

http://localhost:3001/ - My Workspace

File Edit View Help

Home Workspaces ▾ Explore

Search Postman

Sign In

Create Account

Scratch Pad

New Import

Overview

GET http://localhost:3001/

GET http://localhost:3001/

No Environment

Save

Send

Collections

APIs

Environments

Mock Servers

Monitors

History

You don't have any collections

Collections let you group related requests, making them easier to access and run.

Create Collection

GET

http://localhost:3001/

Send

Params

Auth

Headers (6)

Body

Pre-req.

Tests

Settings

Cookies

Query Params

Key	Value	Description	Bulk Edit
Key	Value	Description	

Body

Cookies

Headers (9)

Test Results

200 OK 260 ms 1.36 KB

Save Response

Pretty

Raw

Preview

Visualize

Àngel Blasco Benedicto

Introducció Nodejs

Node.js és un entorn de temps d'execució de JavaScript al costat del servidor que permet als desenvolupadors crear aplicacions web escalables i d'alta velocitat.

Anar a productes

http://localhost:3001/products - My Workspace

File Edit View Help

Home Workspaces ▾ Explore

Search Postman

Sign In

Create Account

Scratch Pad

New Import

Overview

GET http://localhost:3001/products

GET http://localhost:3001/products

No Environment

Save

Send

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You don't have any collections

Collections let you group related requests, making them easier to access and run.

Create Collection

GET

http://localhost:3001/products

Send

Params

Auth

Headers (6)

Body

Pre-req.

Tests

Settings

Cookies

Query Params

Key	Value	Description	Bulk Edit
Key	Value	Description	

Body

Cookies

Headers (9)

Test Results

200 OK 36 ms 1.43 KB

Save Response

Pretty

Raw

Preview

Visualize

Producte	Preu
Producte 1	10€
Producte 2	15€
Producte 3	20€
Producte 4	25€
Producte 5	30€

Find and Replace

Console

Runner

Trash

CTRL DERECHA