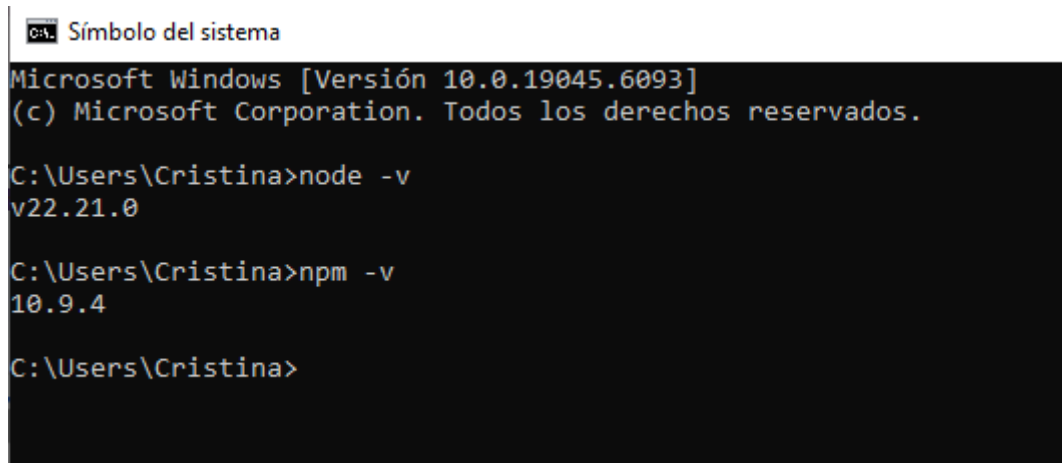


1.La versión de Node y NPM instalada.



```

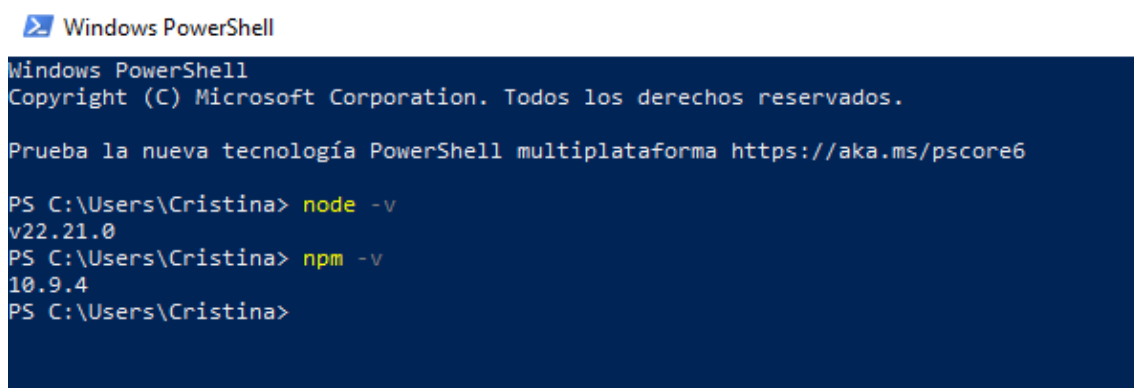
C:\> Símbolo del sistema

Microsoft Windows [Versión 10.0.19045.6093]
(c) Microsoft Corporation. Todos los derechos reservados.

C:\Users\Cristina>node -v
v22.21.0

C:\Users\Cristina>npm -v
10.9.4

C:\Users\Cristina>
```



```

Windows PowerShell
Copyright (C) Microsoft Corporation. Todos los derechos reservados.

Prueba la nueva tecnología PowerShell multiplataforma https://aka.ms/pscore6

PS C:\Users\Cristina> node -v
v22.21.0
PS C:\Users\Cristina> npm -v
10.9.4
PS C:\Users\Cristina>
```

2.Busca al menos 3 módulos adicionales de NPM muy usados y explica lo que hacen. (2,5 puntos)

-Debug

Uso

Es una utilidad ligera para depuración (“debugging”) en Node.js y en navegadores. Permite registrar mensajes bajo “nombres” específicos y activar/desactivar esos mensajes con la variable de entorno DEBUG.

-Chalk

Uso

Es un módulo para dar estilo al texto que aparece en la consola: colores, fondo, negrita, subrayado... Mejora la legibilidad de log, advertencia, error, etc.

-Jsdom

Uso

Permite simular un entorno de navegador en Node.js, ideal para realizar pruebas de frontend sin necesidad de un navegador real. Se puede manipular el DOM, simular eventos y realizar pruebas unitarias de código que interactúa con el DOM.

3.Procede a instalar 2, mostrar los cambios en el proyecto y a desinstalarlo. (1,5 puntos)

```
package.json > ...
1  {
2    "name": "02modulosnpm",
3    "version": "1.0.0",
4    "description": "",
5    "main": "index.js",
6    "scripts": {
7      "test": "echo \"Error: no test specified\" && exit 1"
8    },
9    "keywords": [],
10   "author": "",
11   "license": "ISC"
}
```

```
PS C:\Users\Cristina\02ModulosNPM> npm install chalk
added 1 package, and audited 43 packages in 2s

added 1 package, and audited 43 packages in 2s

4 packages are looking for funding
  run `npm fund` for details

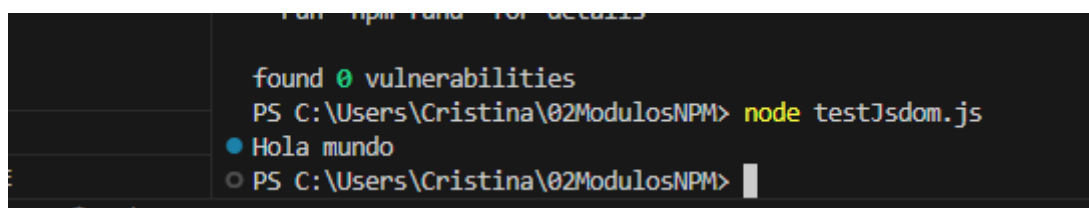
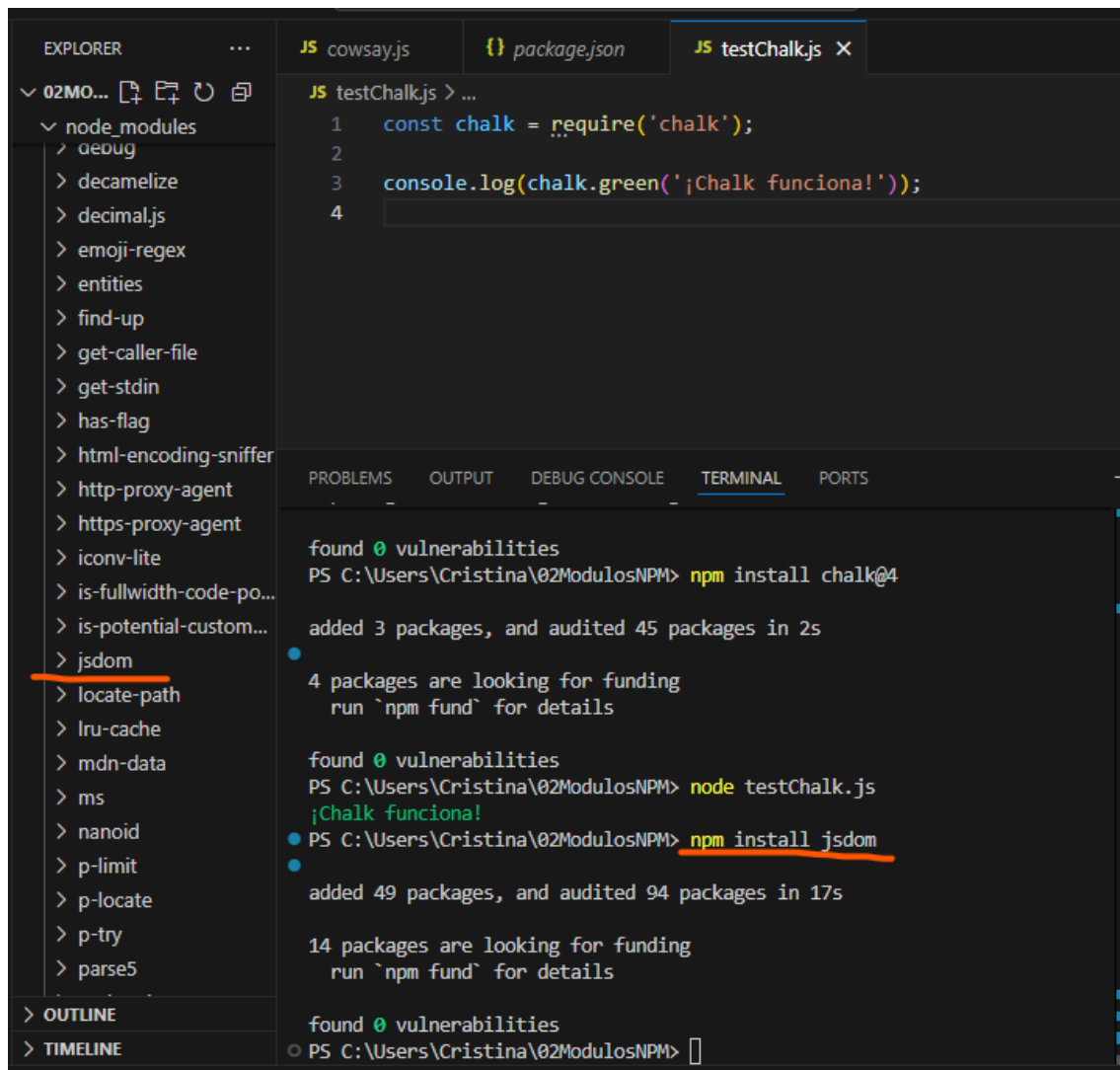
4 packages are looking for funding
  run `npm fund` for details

4 packages are looking for funding
  run `npm fund` for details

found 0 vulnerabilities

found 0 vulnerabilities
PS C:\Users\Cristina\02ModulosNPM>
```

```
found 0 vulnerabilities
PS C:\Users\Cristina\02ModulosNPM> node testChalk.js
● ¡Chalk funciona!
○ PS C:\Users\Cristina\02ModulosNPM>
```



Ahora los desinstalamos

EXPLORER

02MODULOSNPM

node_modules

.bin

@asamuzakjp

@csstools

agent-base

ansi-regex

ansi-styles

bidix-js

camelcase

cliui

color-convert

color-name

cowsay

css-tree

cssstyle

data-urls

debug

decamelize

decimal.js

emoji-regex

entities

find-up

get-caller-file

get-stdin

html-encoding-sniffer

http-proxy-agent

JS cowsay.js

package.json

JS testChalk.js

JS testJsdom.js X

JS testJsdom.js > ...

1 const { JSDOM } = require('jsdom');

2

3

4 const dom = new JSDOM('<html><body><p id="demo">Hola mundo</p></html>');

5

6 const document = dom.window.document;

7

8 console.log(document.getElementById("demo").textContent);

9

PROBLEMS

OUTPUT

DEBUG CONSOLE

TERMINAL

PORTS

added 49 packages, and audited 94 packages in 17s

•

• 14 packages are looking for funding
run `npm fund` for details

found 0 vulnerabilities

PS C:\Users\Cristina\02ModulosNPM> node testJsdom.js

Hola mundo

PS C:\Users\Cristina\02ModulosNPM> npm uninstall chalk

•

• removed 3 packages, and audited 91 packages in 2s

13 packages are looking for funding
run `npm fund` for details

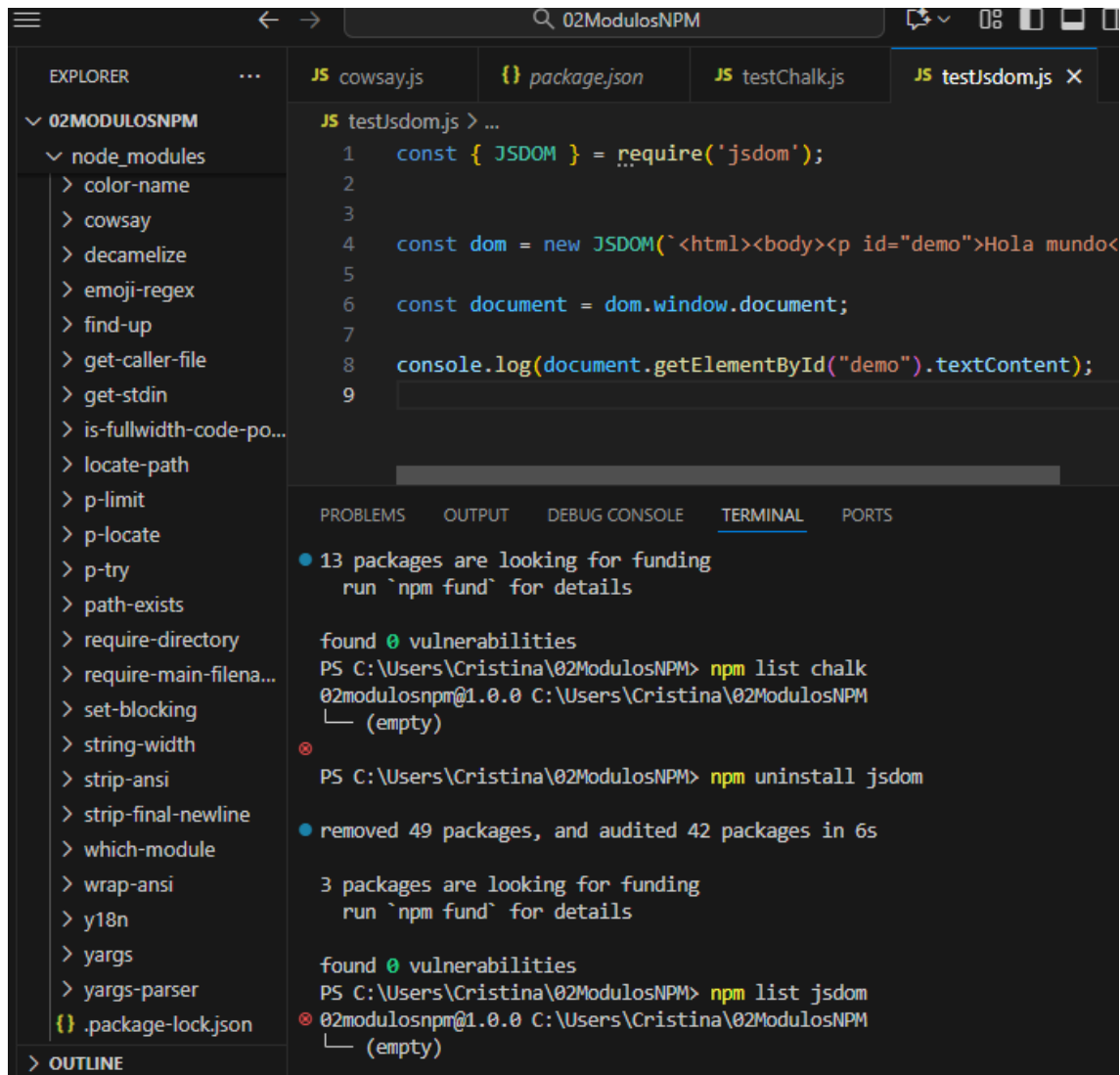
found 0 vulnerabilities

PS C:\Users\Cristina\02ModulosNPM> npm list chalk

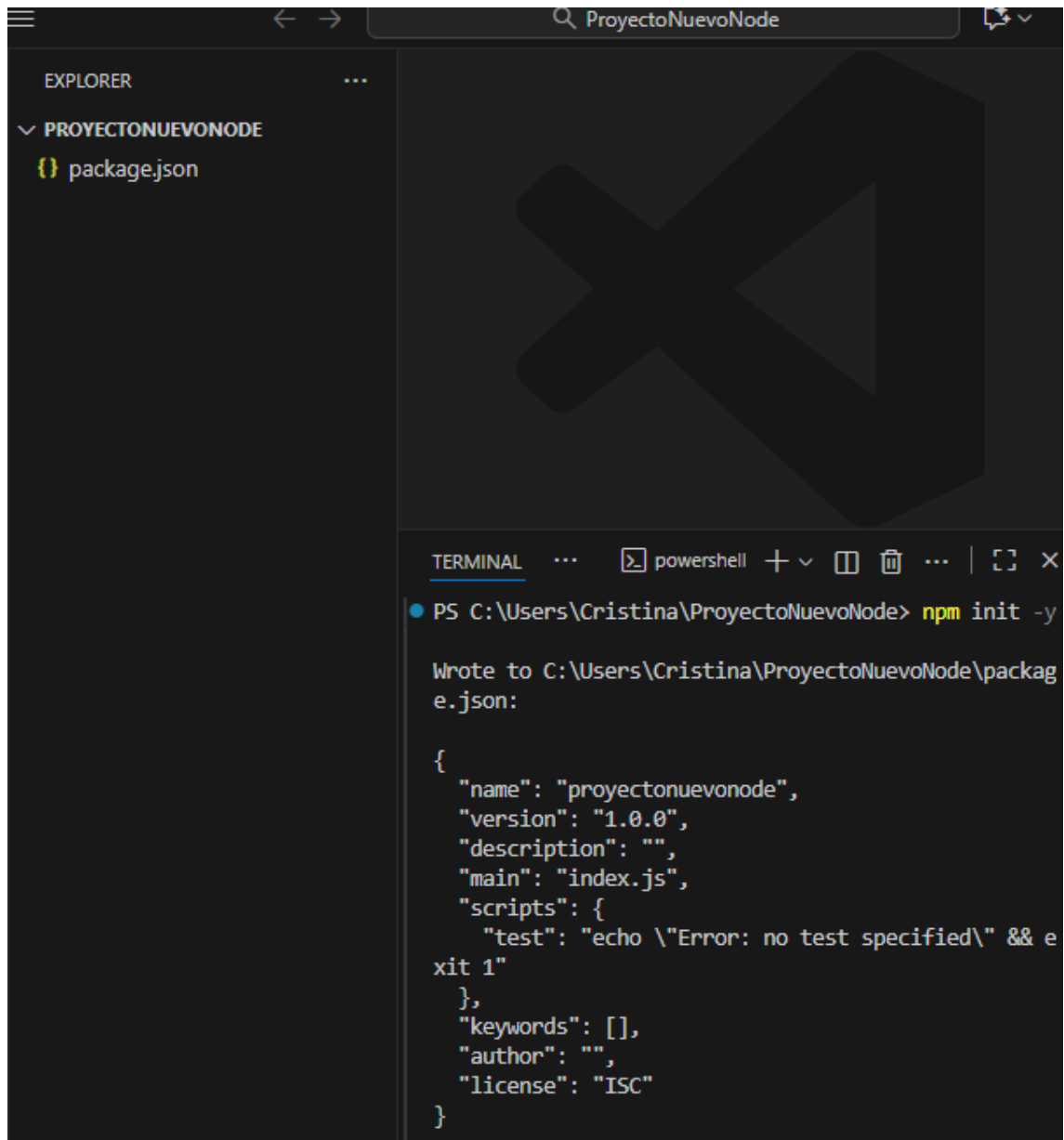
⊗ 02modulosnpm@1.0.0 C:\Users\Cristina\02ModulosNPM

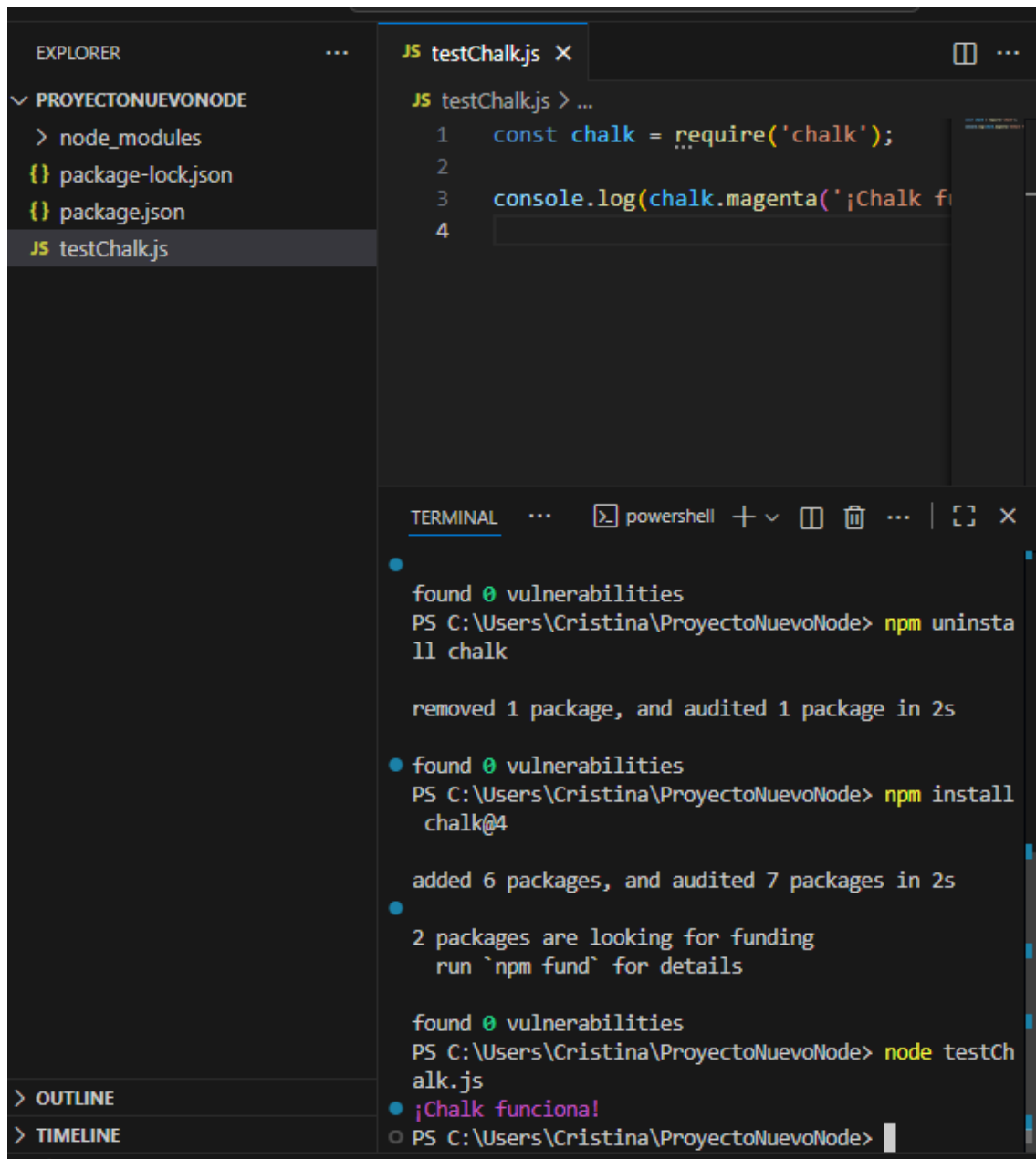
└─ (empty)

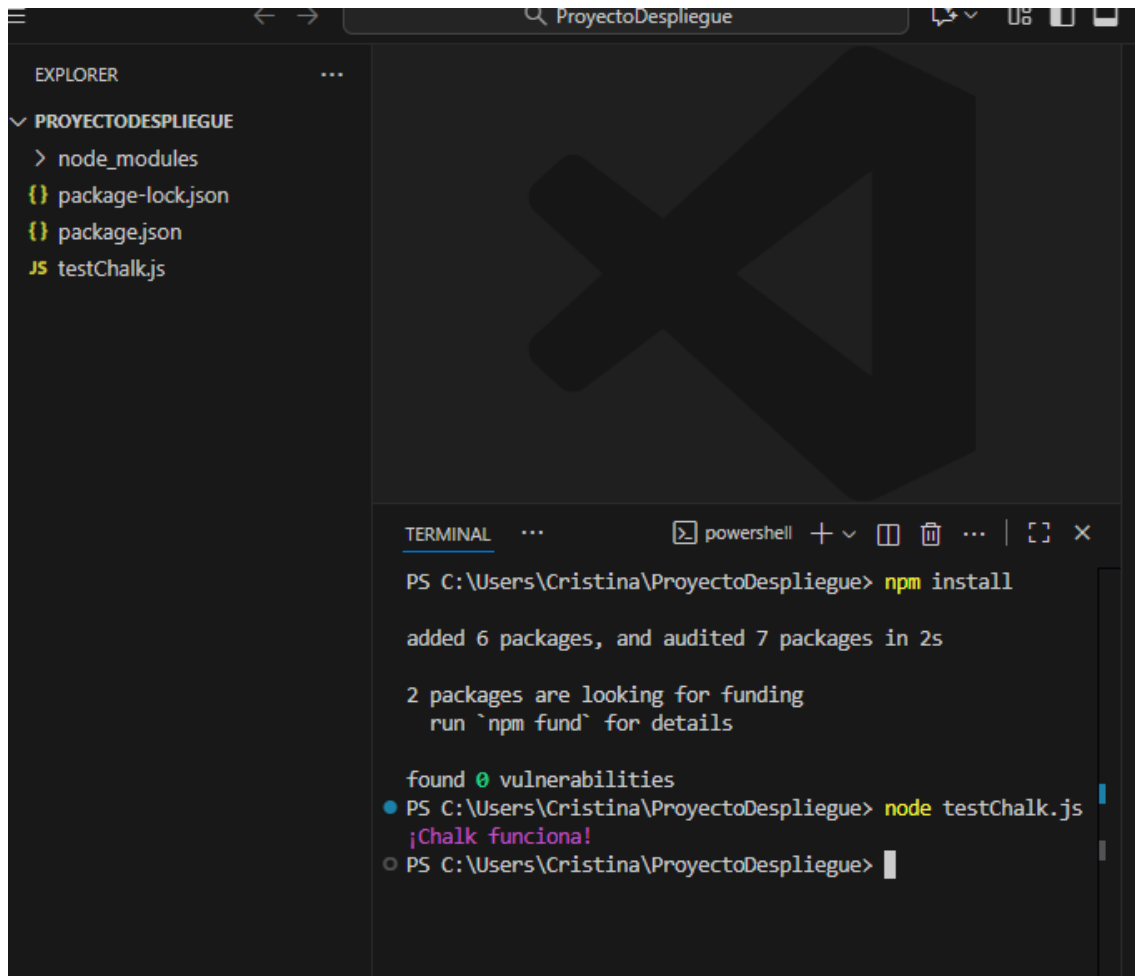
OUTLINE



4. Haz un despliegue en otro proyecto con el PACKAGE.JSON y lánzalo. (1 punto)







The screenshot shows the Visual Studio Code interface. The Explorer view on the left displays the project structure for 'PROYECTODESPLIEGUE', including a 'node_modules' directory, 'package-lock.json', 'package.json', and 'testChalk.js'. The main editor area is currently empty, showing a large, faint logo. The Terminal view at the bottom shows the execution of 'npm install' and 'node testChalk.js' in a PowerShell session.

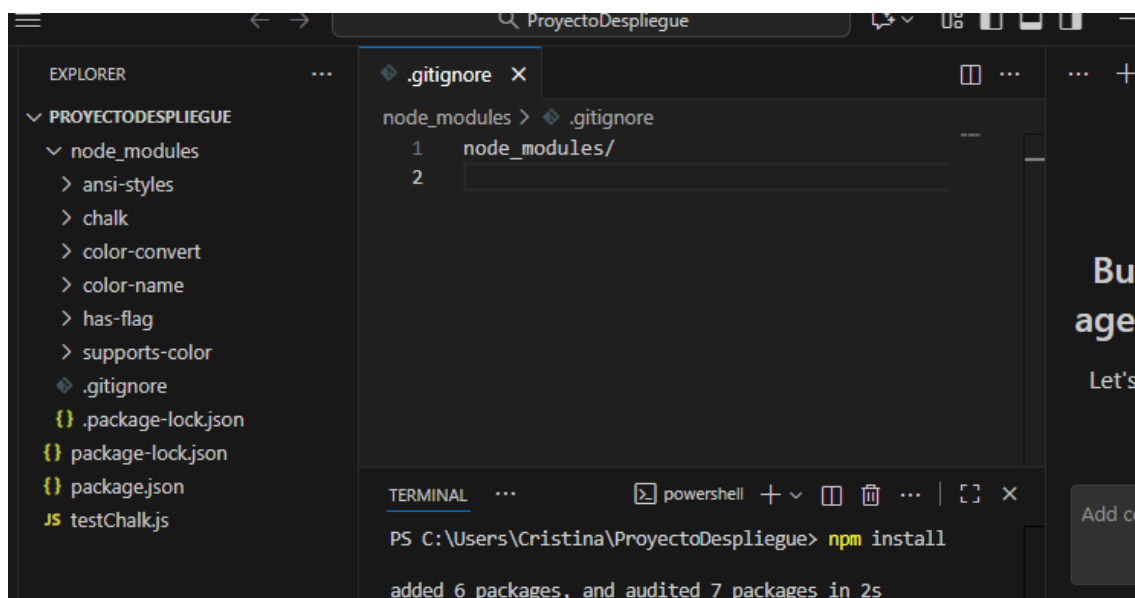
```
PS C:\Users\Cristina\ProyectoDespliegue> npm install

added 6 packages, and audited 7 packages in 2s

2 packages are looking for funding
  run `npm fund` for details

found 0 vulnerabilities
● PS C:\Users\Cristina\ProyectoDespliegue> node testChalk.js
  ¡Chalk funciona!
○ PS C:\Users\Cristina\ProyectoDespliegue>
```

5. Configura GIT para que ignore la carpeta node_module de tu proyecto y sube todo a un repositorio público en Github. (1 punto)



The screenshot shows the Visual Studio Code interface with the '.gitignore' file open in the editor. The file contains the following content:

```
node_modules > .gitignore
1 node_modules/
2
```

The Explorer view on the left shows the project structure, including 'node_modules', '.package-lock.json', 'package-lock.json', 'package.json', and 'testChalk.js'. The Terminal view at the bottom shows the execution of 'npm install' in a PowerShell session.

```
PS C:\Users\Cristina\ProyectoDespliegue> npm install

added 6 packages, and audited 7 packages in 2s
```



```

Cristina@LAPTOP-6TE71FEK MINGW64 ~/Desktop/2ºDAM/2-Dam (main)
$ git add .
warning: in the working copy of 'Optativa/ProyectoDespliegue/package-lock.json', LF will be replaced by CRLF the next time Git touches it
warning: in the working copy of 'Optativa/ProyectoDespliegue/package.json', LF will be replaced by CRLF the next time Git touches it


Cristina@LAPTOP-6TE71FEK MINGW64 ~/Desktop/2ºDAM/2-Dam (main)
$ git commit -m"Optativa node"
[main b492c97] Optativa node
13 files changed, 513 insertions(+), 214 deletions(-)
create mode 100644 Optativa/CasoPractico1.rar
create mode 100644 Optativa/ProyectoDespliegue/.gitignore
create mode 100644 Optativa/ProyectoDespliegue/package-lock.json
create mode 100644 Optativa/ProyectoDespliegue/package.json
create mode 100644 Optativa/ProyectoDespliegue/testChalk.js
create mode 100644 "Optativa/U2.1 - Introduccio\314\201n.pdf"
create mode 100644 Proyecto/DAFO-Cristina Sandoval Laborde.pdf
create mode 100644 "Proyecto/Plantilla-de-An\303\241lisis-DAFO-en-Word.docx"
create mode 100644 Proyecto/ProyectoIdea.docx
create mode 100644 "Proyecto/~$antilla-de-An\303\241lisis-DAFO-en-Word.docx"


Cristina@LAPTOP-6TE71FEK MINGW64 ~/Desktop/2ºDAM/2-Dam (main)
$ git push origin main
git: 'credential-manager-core' is not a git command. See 'git --help'.
Enumerating objects: 32, done.
Counting objects: 100% (32/32), done.
Delta compression using up to 4 threads
Compressing objects: 100% (18/18), done.

```

← → ↺ github.com/cris... 📄 ☆ 🐛 📧 📁 🟢 Finalizar actualización


☰


crisanlab94 / 2-Dam


🔍
✉️



<> Code
🕒 Issues
🔗 Pull requests
🔄 Actions
📅 Projects
📖 Wiki
⋮






← Files
🔗 main ▾
2-Dam / Optativa / 📄
⋮


crisanlab Optativa node
b492c97 · 1 minute ago 🕒

Name	Last commit message	Last commit date
📁 ..		
📁 CasoPractico1	Optativa node	1 minute ago
📁 IntroduccionJavaScript	cambios	2 weeks ago
📁 ProyectoDespliegue	Optativa node	1 minute ago
📄 CasoPractico1.rar	Optativa node	1 minute ago
📄 U2.1 - Introducción.pdf	Optativa node	1 minute ago

 **crisanlab** Optaviva node

b492c97 · 2 minutes ago 

Name	Last commit message	Last commit date
 ..		
 .gitignore	Optaviva node	2 minutes ago
 package-lock.json	Optaviva node	2 minutes ago
 package.json	Optaviva node	2 minutes ago
 testChalk.js	Optaviva node	2 minutes ago

6.Pon el enlace del repositorio. (2 puntos)

<https://github.com/crisanlab94/2-Dam/tree/main/Optativa/ProyectoDespliegue>