

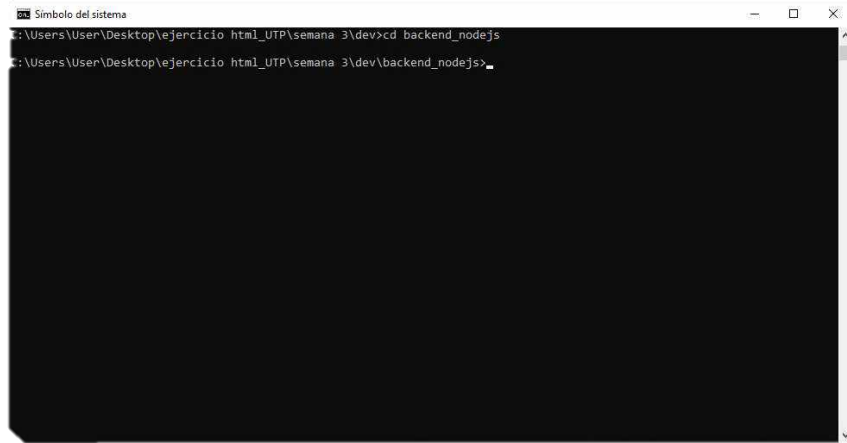
.....

.....

Iniciamos la configuración del package.json

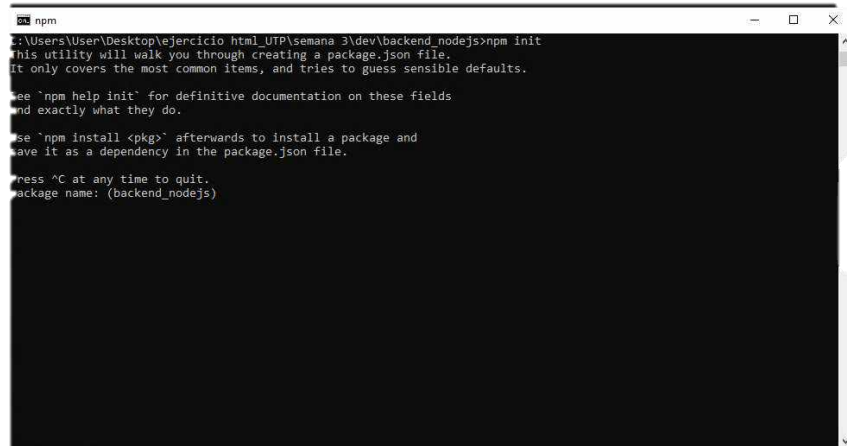
.....

<https://www.youtube.com/watch?v=k696U-WoEvI> url video clase 22 de septiembre de 2021 grupo 62 ciclo 3



```
Símbolo del sistema
C:\Users\User\Desktop\ejercicio_html_UTP\semana_3\dev>cd backend_nodejs
C:\Users\User\Desktop\ejercicio_html_UTP\semana_3\dev\backend_nodejs>
```

Con “npm init” Iniciamos la configuración del package.json



```
npm
C:\Users\User\Desktop\ejercicio_html_UTP\semana_3\dev\backend_nodejs>npm init
This utility will walk you through creating a package.json file.
It only covers the most common items, and tries to guess sensible defaults.

See 'npm help init' for definitive documentation on these fields
and exactly what they do.

See 'npm install <pkg>' afterwards to install a package and
save it as a dependency in the package.json file.

Press ^C at any time to quit.
package name: (backend_nodejs)
```

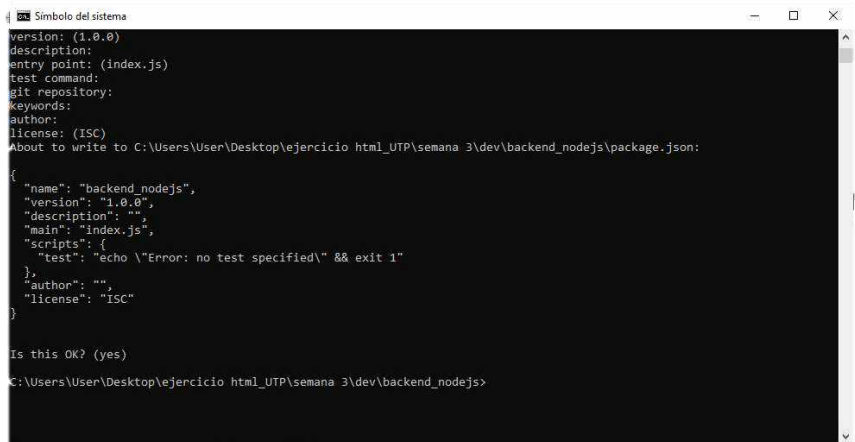


Y se le da enter hasta terminar



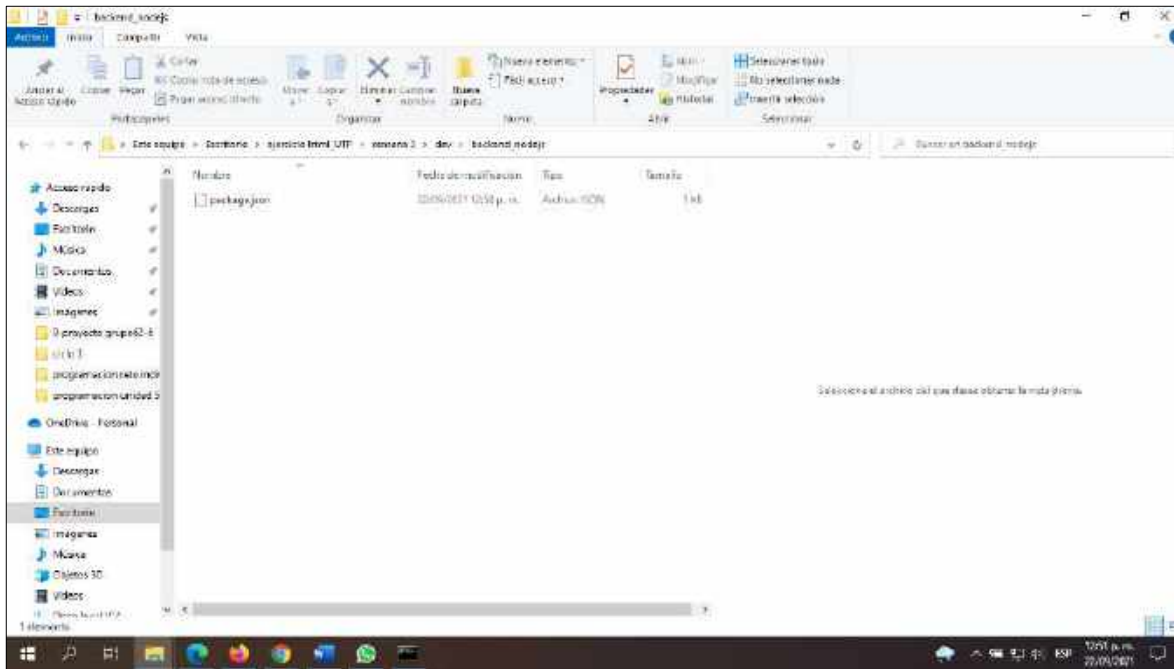
```
npm
Press ^C at any time to quit.
package name: (backend_nodejs)
version: (1.0.0)
description:
entry point: (index.js)
test command:
git repository:
keywords:
author:
license: (ISC)
About to write to C:\Users\User\Desktop\ejercicio html_UTP\semana 3\dev\backend_nodejs\package.json:
{
  "name": "backend_nodejs",
  "version": "1.0.0",
  "description": "",
  "main": "index.js",
  "scripts": {
    "test": "echo \"Error: no test specified\" && exit 1"
  },
  "author": "",
  "license": "ISC"
}
Is this OK? (yes)
```

y le damos y le damos enter

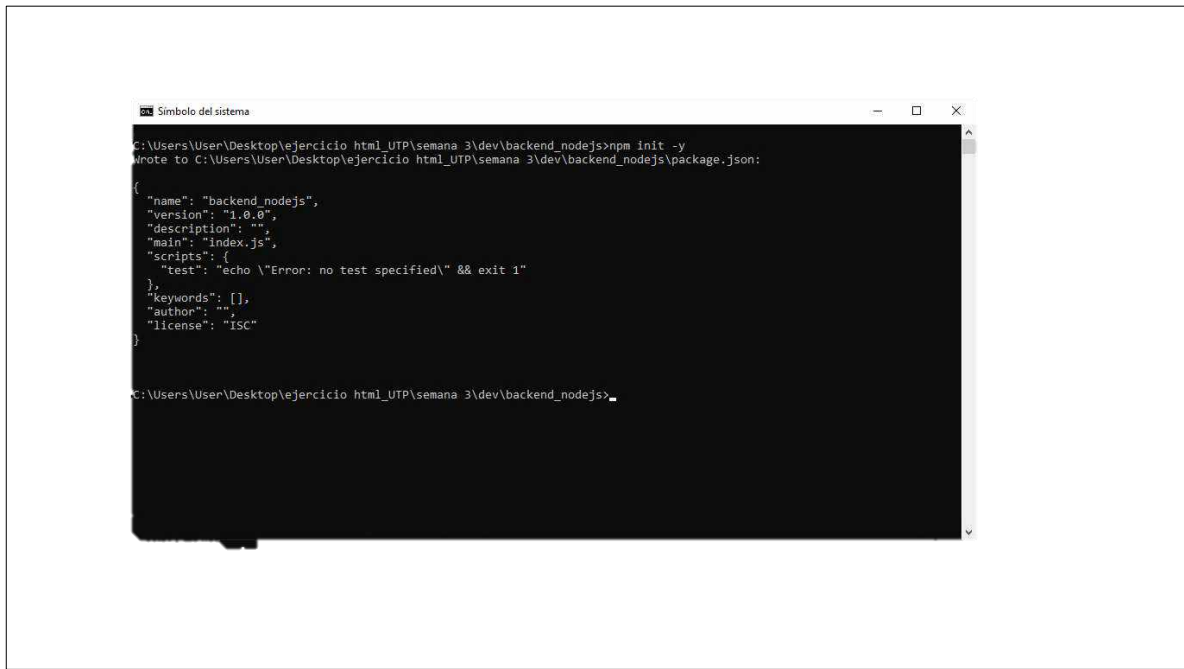


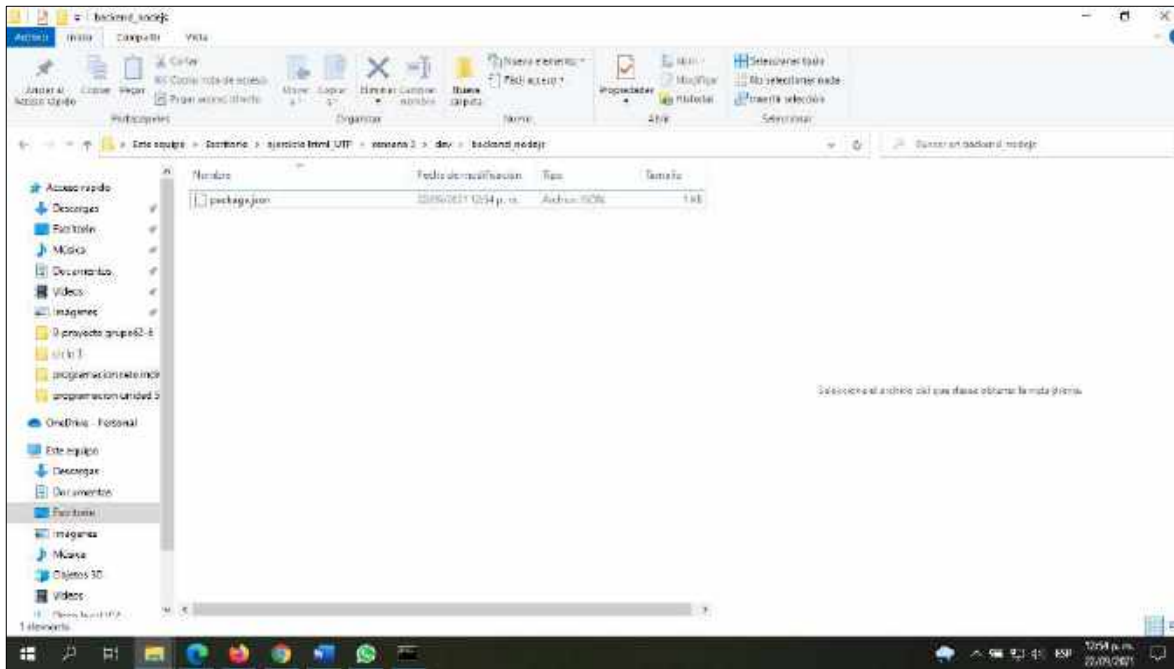
```
Símbolo del sistema
version: (1.0.0)
description:
entry point: (index.js)
test command:
git repository:
keywords:
author:
license: (ISC)
About to write to C:\Users\User\Desktop\ejercicio html_UTP\semana 3\dev\backend_nodejs\package.json:
{
  "name": "backend_nodejs",
  "version": "1.0.0",
  "description": "",
  "main": "index.js",
  "scripts": {
    "test": "echo \"Error: no test specified\" && exit 1"
  },
  "author": "",
  "license": "ISC"
}
Is this OK? (yes)
C:\Users\User\Desktop\ejercicio html_UTP\semana 3\dev\backend_nodejs>
```





O también con el comando por el cmd `npm init -y`





.....

Iniciamos la configuración de Instalar Express

.....

“npm install express”

```
npm
C:\Users\User\Desktop\ejercicio_html_UTP\semana 3\dev\backend_nodejs>npm install express
[.....] | build:media-type: 511 | LinkStuff media-type@0.3.0 has C:\Users\User\Desktop\ejercicio_html_UTP
```

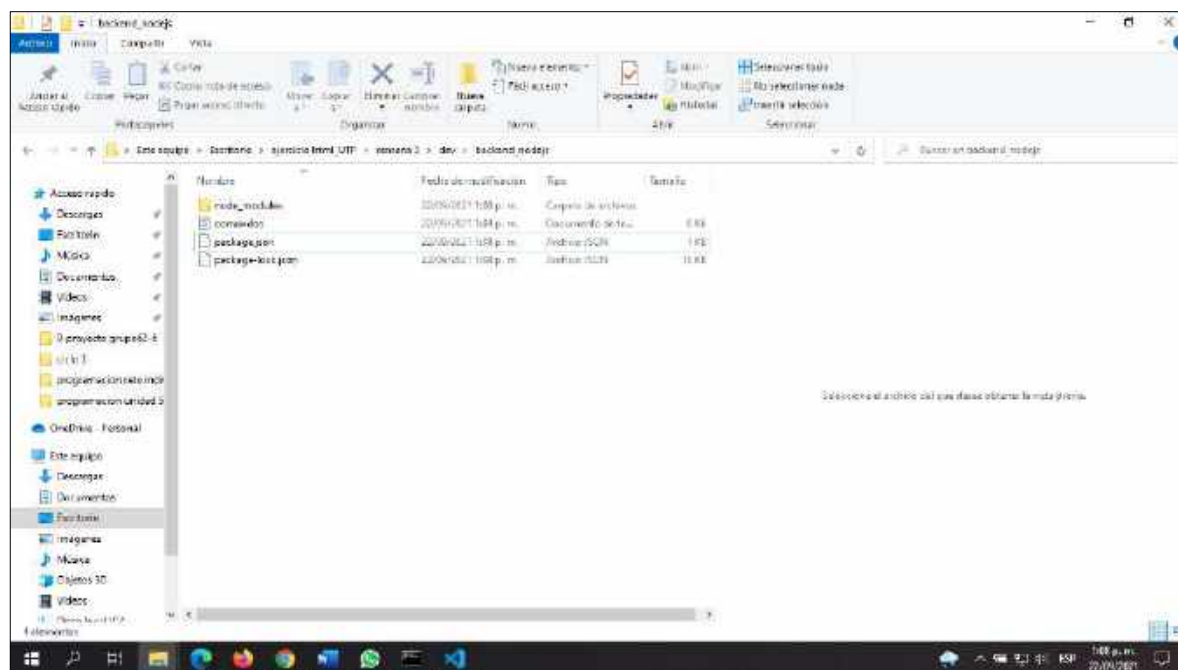


```
Simbolo del sistema

C:\Users\User\Desktop\ejercicio html_UTP\semana 3\dev\backend_nodejs>npm install express
npm notice created a lockfile as package-lock.json. You should commit this file.
npm WARN backend_nodejs@1.0.0 No description
npm WARN backend_nodejs@1.0.0 No repository field.

+ express@4.17.1
added 50 packages from 37 contributors and audited 50 packages in 6.551s
found 0 vulnerabilities

C:\Users\User\Desktop\ejercicio html_UTP\semana 3\dev\backend_nodejs>
```



Instalar nodemon

"npm install -g nodemon"

```
C:\Users\User\Desktop\ejercicio_html_UTP\semana_3\dev\backend_nodejs>npm uninstall nodemon
npm WARN backend_nodejs@1.0.0 No description
npm WARN backend_nodejs@1.0.0 No repository field.

removed 117 packages and audited 50 packages in 13.438s
found 0 vulnerabilities

C:\Users\User\Desktop\ejercicio_html_UTP\semana_3\dev\backend_nodejs>npm install -g nodemon
C:\Users\User\AppData\Roaming\npm\nodemod -> C:\Users\User\AppData\Roaming\npm\node_modules\nodemon\bin\nodemon.js
> nodemon@2.0.12 postinstall C:\Users\User\AppData\Roaming\npm\node_modules\nodemon
> node bin/postinstall || exit 0

npm WARN optional SKIPPING OPTIONAL DEPENDENCY: fsevents@~2.3.2 (node_modules\nodemon\node_modules\chokidar\node_modules
\fsevents);
npm WARN backend SKIPPING OPTIONAL DEPENDENCY: Unsupported platform for fsevents@2.3.2: wanted {"os":"darwin","arch":"any"} (current: {"os":"win32","arch":"x64"})

+ nodemon@2.0.12
added 119 packages from 53 contributors in 14.126s

C:\Users\User\Desktop\ejercicio_html_UTP\semana_3\dev\backend_nodejs>
```

Para ejecutar el servidor digitamos **"node src/index.js"** y damos enter

```

Simbolo del sistema - node src/index.js
found 0 vulnerabilities

C:\Users\User\Desktop\ejercicio_html_UTP\semana 3\dev\backend_nodejs>npm install nodemon

> nodemon@2.0.12 postinstall C:\Users\User\Desktop\ejercicio_html_UTP\semana 3\dev\backend_nodejs\node_modules\nodemon
> node bin/postinstall || exit 0

npm WARN optional SKIPPING OPTIONAL DEPENDENCY: fsevents@~2.3.2 (node_modules\chokidar\node_modules\fsevents);
npm WARN notsup SKIPPING OPTIONAL DEPENDENCY: Unsupported platform for fsevents@2.3.2: wanted {"os":"darwin","arch":"any"} (current: {"os":"win32","arch":"x64"})
npm WARN backend_nodejs@1.0.0 No description
npm WARN backend_nodejs@1.0.0 No repository field.

+ nodemon@2.0.12
added 4 packages from 2 contributors, removed 4 packages, updated 5 packages and audited 168 packages in 7.575s

1 package is looking for funding
  run `npm fund` for details

found 0 vulnerabilities

C:\Users\User\Desktop\ejercicio_html_UTP\semana 3\dev\backend_nodejs>node src/index.js
Servidor corriendo por el puerto => 3000

```



Para desinstalar nodemon, digitamos “**npm unistall nodemon**”

```
Simbolo del sistema
C:\Users\User\Desktop\ejercicio html_UTP\semana 3\dev\backend_nodejs>npm unistall nodemon
npm WARN backend_nodejs@1.0.0 No repository field.
+ nodemon@2.0.12
updated 1 package and audited 168 packages in 12.35Gs
1 package is looking for funding
  run `npm fund` for details
found 0 vulnerabilities

C:\Users\User\Desktop\ejercicio html_UTP\semana 3\dev\backend_nodejs>nodemon src/index.js
"nodemon" no se reconoce como un comando interno o externo,
programa o archivo por lotes ejecutable.

C:\Users\User\Desktop\ejercicio html_UTP\semana 3\dev\backend_nodejs>npm unistall nodemon
```

Para corregir posibles errores, instalamos nuevamente “**npm install -g nodemom**”

```
Simbolo del sistema
C:\Users\User\Desktop\ejercicio html_UTP\semana 3\dev\backend_nodejs>npm unistall nodemon
npm WARN backend_nodejs@1.0.0 No description
npm WARN backend_nodejs@1.0.0 No repository field.
removed 117 packages and audited 50 packages in 13.438s
found 0 vulnerabilities

C:\Users\User\Desktop\ejercicio html_UTP\semana 3\dev\backend_nodejs>npm install -g nodemon
C:\Users\User\AppData\Roaming\npm\nodemom -> C:\Users\User\AppData\Roaming\npm\node_modules\nodemom\bin\nodemom.js

> nodemon@2.0.12 postinstall C:\Users\User\AppData\Roaming\npm\node_modules\nodemom
> node bin/postinstall || exit 0

npm WARN optional SKIPPING OPTIONAL DEPENDENCY: fsevents@~2.3.2 (node_modules\nodemom\node_modules\chokidar\node_modules
\node_modules\fsevents):
npm WARN notsup SKIPPING OPTIONAL DEPENDENCY: Unsupported platform for fsevents@2.3.2: wanted {"os":"darwin","arch":"any"} (current: {"os":"win32","arch":"x64"})
+ nodemon@2.0.12
added 119 packages from 53 contributors in 14.126s

C:\Users\User\Desktop\ejercicio html_UTP\semana 3\dev\backend_nodejs>
```



Para ejecutar el servidor digitamos “node src/index.js” y damos enter

```
Simbolo del sistema - nodemon src/index.js

removed 117 packages and audited 50 packages in 13.438s
found 0 vulnerabilities

C:\Users\User\Desktop\ejercicio html_UTP\semana 3\dev\backend_nodejs>npm install -g nodemon
C:\Users\User\AppData\Roaming\npm\nodemon -> C:\Users\User\AppData\Roaming\npm\node_modules\nodemon\bin\nodemon.js
> node bin/postinstall C:\Users\User\AppData\Roaming\npm\node_modules\nodemon
> node bin/postinstall || exit 0

npm WARN optional SKIPPING OPTIONAL DEPENDENCY: fsevents@2.3.2 (node_modules\nodemon\node_modules\chokidar\node_modules\
fsevents):
npm WARN notsup SKIPPING OPTIONAL DEPENDENCY: Unsupported platform for fsevents@2.3.2: wanted {"os":"darwin","arch":"any
"} (current: {"os":"win32","arch":"x64"})

+ nodemon@2.0.12
added 119 packages from 53 contributors in 14.126s

C:\Users\User\Desktop\ejercicio html_UTP\semana 3\dev\backend_nodejs>nodemon src/index.js
[nodemon] 2.0.12
[nodemon] to restart at any time, enter 'rs'
[nodemon] watching path(s): *.*
[nodemon] watching extensions: js,mjs,json
[nodemon] starting 'node src/index.js'
Servidor corriendo por el puerto => 3000
```

Detenemos el servidor con “ctrl + c”

```
Simbolo del sistema - nodemon src/index.js

+ nodemon@2.0.12
added 119 packages from 53 contributors in 14.126s

C:\Users\User\Desktop\ejercicio html_UTP\semana 3\dev\backend_nodejs>nodemon src/index.js
[nodemon] 2.0.12
[nodemon] to restart at any time, enter 'rs'
[nodemon] watching path(s): *.*
[nodemon] watching extensions: js,mjs,json
[nodemon] starting 'node src/index.js'
Servidor corriendo por el puerto => 3000
[nodemon] restarting due to changes...
[nodemon] starting 'node src/index.js'
Servidor corriendo por el puerto => 3000

^C¿Desea terminar el trabajo por lotes (S/N)?
¿Desea terminar el trabajo por lotes (S/N)? s_
```

Nos vamos a visual studio code , se carga el proyecto nos ubicamos en el archivo “package.json” y modificamos la linea de codigo 7,

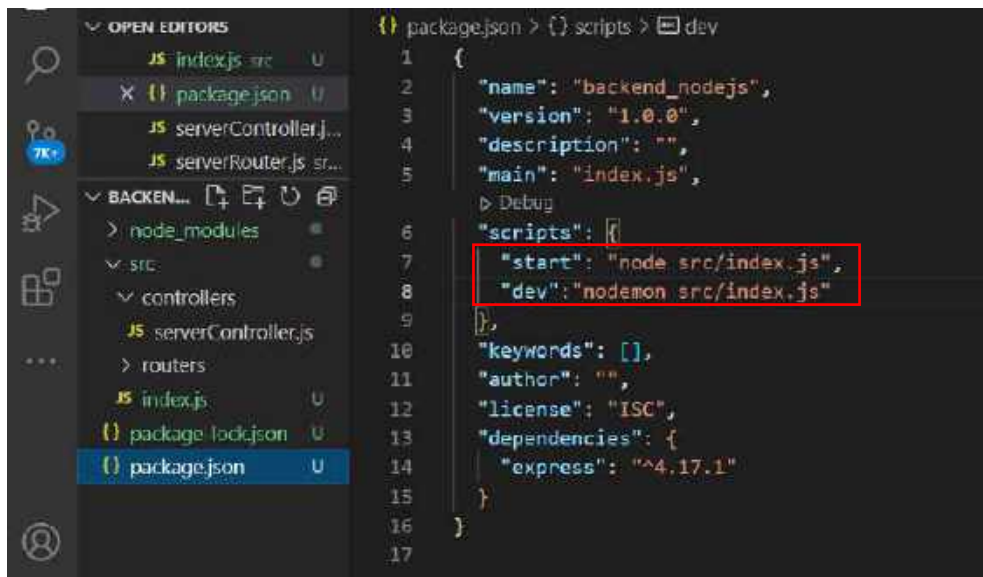



```

1  {
2    "name": "backend_nodejs",
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",
12   "dependencies": {
13     "express": "^4.17.1"
14   }
15 }

```

por las siguientes lineas de codigo y guardamos



```

package.json > {} scripts > dev
1  {
2    "name": "backend_nodejs",
3    "version": "1.0.0",
4    "description": "",
5    "main": "index.js",
6    "scripts": {
7      "start": "node src/index.js",
8      "dev": "nodemon src/index.js"
9    },
10   "keywords": [],
11   "author": "",
12   "license": "ISC",
13   "dependencies": {
14     "express": "^4.17.1"
15   }
16 }
17

```

Nos ubicamos nuevamente en el cmd que tenemos abierto y ejecutamos el comando “ **nmp run dev**” o “**npm run start**”



```
npm
[nodemon] to restart at any time, enter `rs`
[nodemon] watching path(s): *.*
[nodemon] watching extensions: js,mjs,json
[nodemon] starting 'node src/index.js'
Servidor corriendo por el puerto -> 3000
[nodemon] restarting due to changes...
[nodemon] starting 'node src/index.js'
Servidor corriendo por el puerto -> 3000

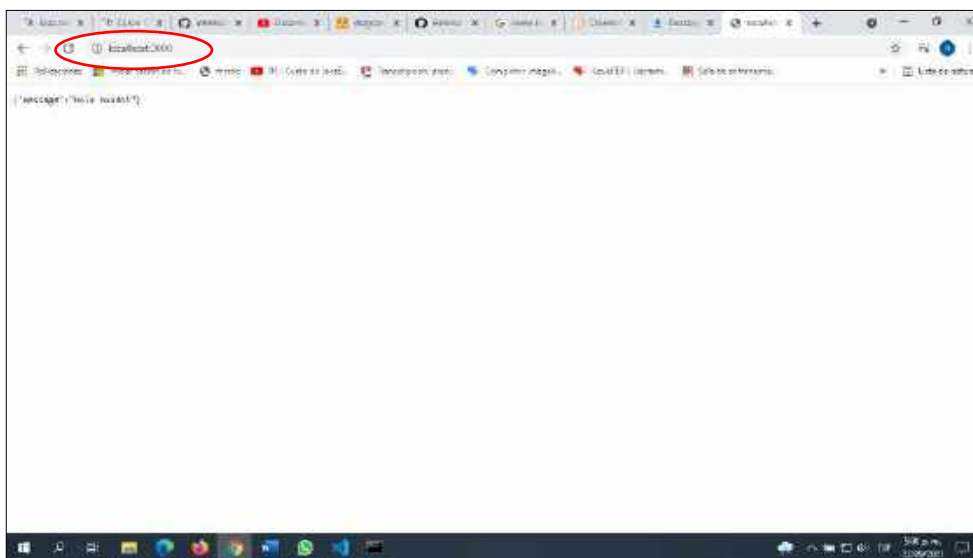
^C¿Desea terminar el trabajo por lotes (S/N)?
¿Desea terminar el trabajo por lotes (S/N)? s

C:\Users\User\Desktop\ejercicio_html_UTP\semana_3\dev\backend_nodejs>npm run dev

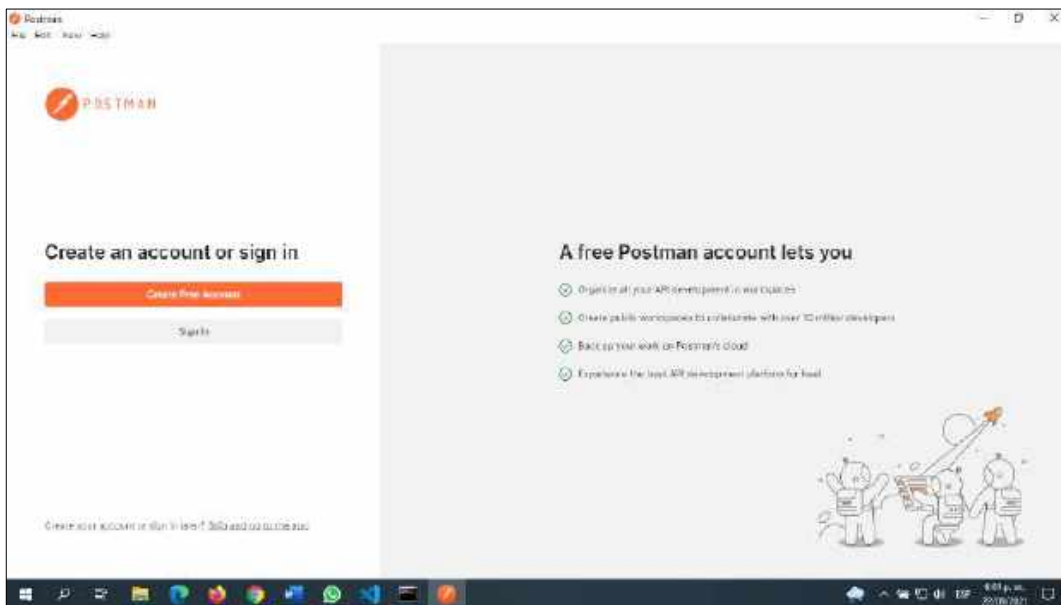
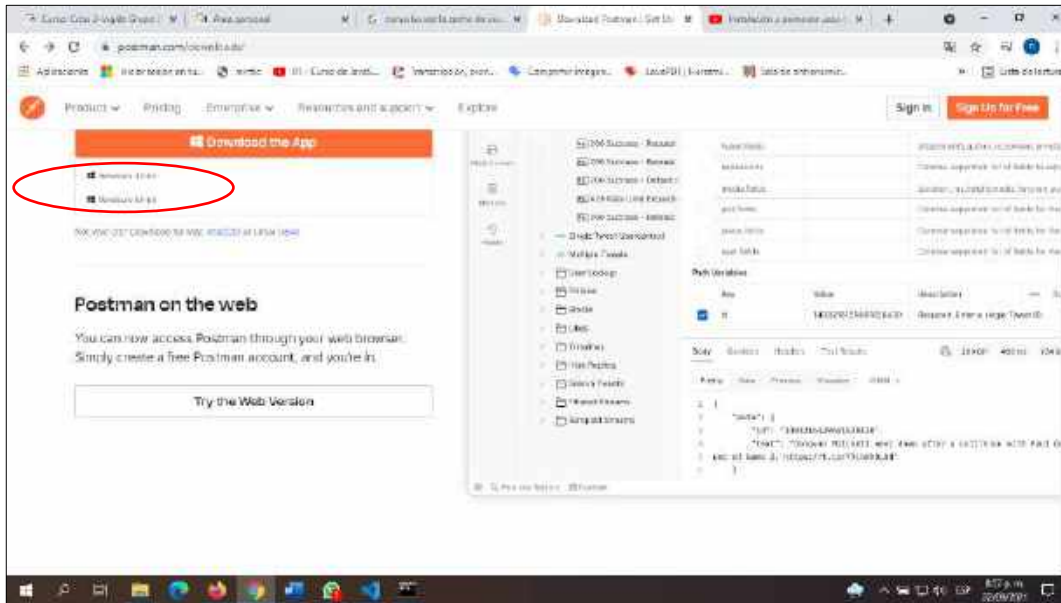
> backend_nodejs@1.0.0 dev C:\Users\User\Desktop\ejercicio_html_UTP\semana_3\dev\backend_nodejs
> nodemon src/index.js

[nodemon] 2.0.12
[nodemon] to restart at any time, enter `rs`
[nodemon] watching path(s): *.*
[nodemon] watching extensions: js,mjs,json
[nodemon] starting 'node src/index.js'
Servidor corriendo por el puerto -> 3000
```

Para ejecutar el servidor , abrimos el navegador y digitamos “localhost:3000”

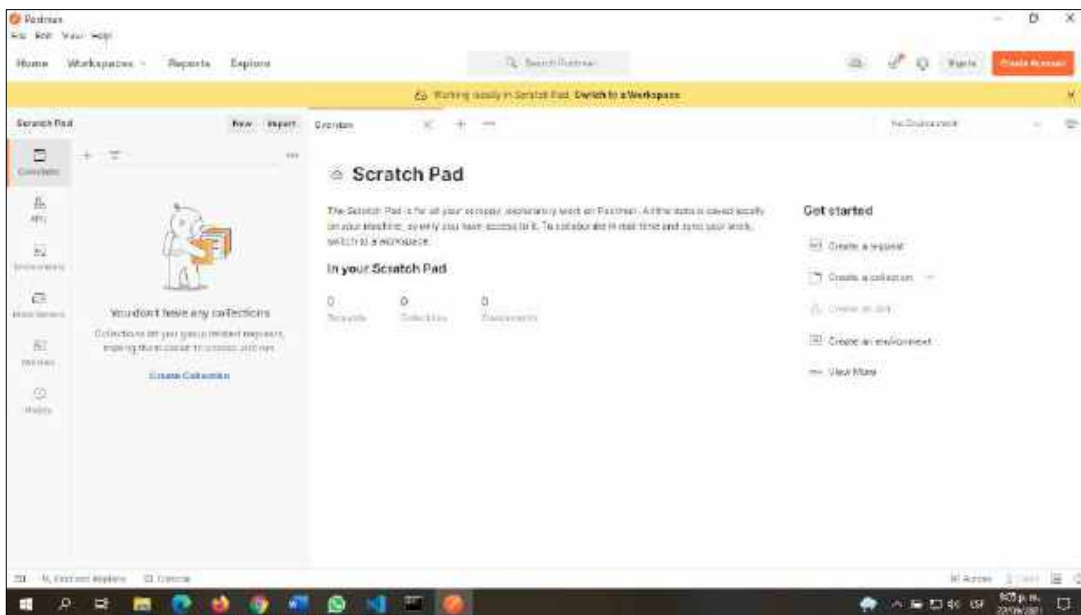
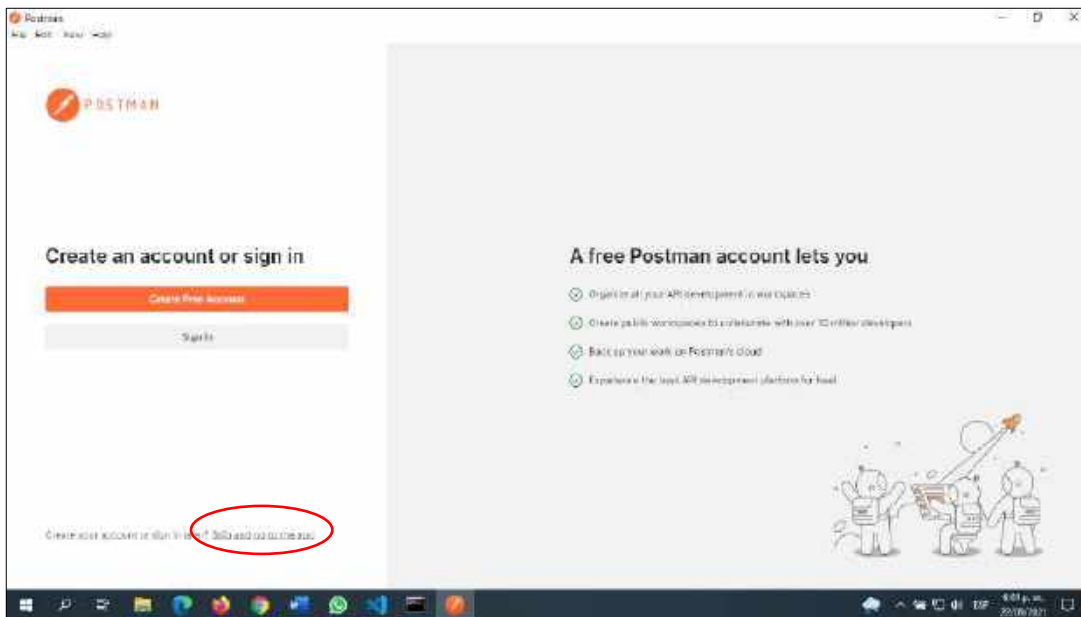


Se descarga dependiendo del sistema operativo



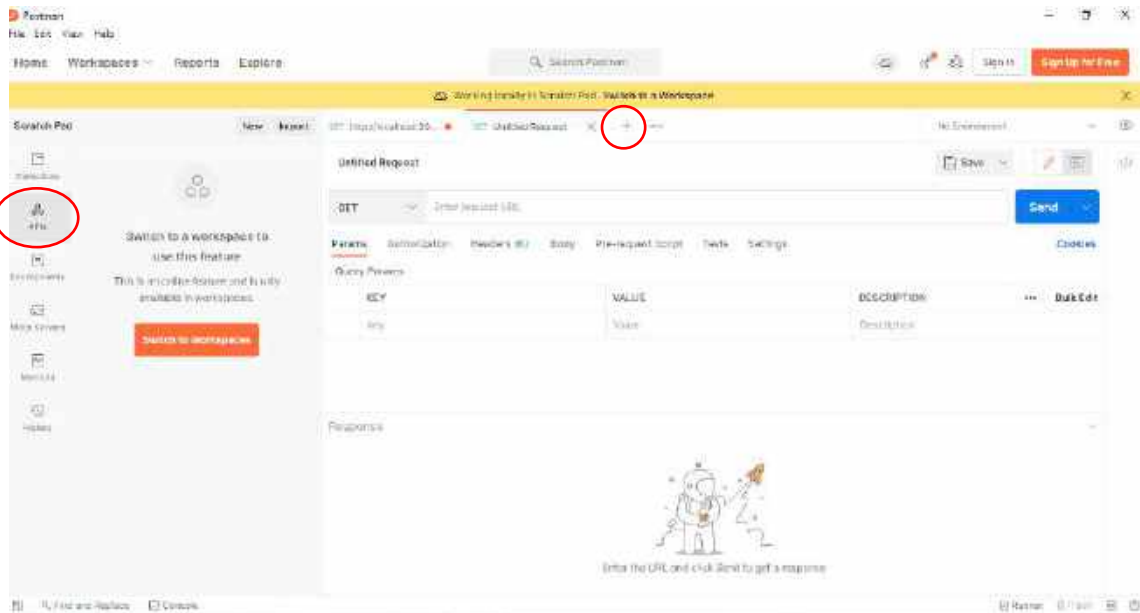
Le damos click donde dice “skip and go to the app” para no tener que crear una cuenta





Nos ubicamos al lado derecho en la pestaña “APIS” y le damos click en “+”





Copiamos la url del localhost en la siguiente casilla <http://localhost:3000/>, le damos enter

