



**Universidad Autónoma Chiapas**



**Facultad de Contaduría Y Administración Campus I, Tuxtla  
Gutiérrez**

**Licenciatura En Ingeniería En Desarrollo Y Tecnología De  
Software.**

**Materia: Taller de Desarrollo 4**

**Tema: Examen**

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**Grado: 6 Grupo: N**

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**Lugar: San Fernando, Chiapas**

## 1. Creamos el proyecto con npm

```
PS C:\Taller> nest new Examen
@ We will scaffold your app in a few seconds..

? Which package manager would you @ to use? (Use arrow keys)
> npm
  yarn
  pnpm
```

```
? Which package manager would you @ to use? npm
CREATE examen/.eslintrc.js (688 bytes)
CREATE examen/.prettierrc (54 bytes)
CREATE examen/nest-cli.json (179 bytes)
CREATE examen/package.json (2014 bytes)
CREATE examen/README.md (3413 bytes)
CREATE examen/tsconfig.build.json (101 bytes)
CREATE examen/tsconfig.json (567 bytes)
CREATE examen/src/app.controller.ts (286 bytes)
CREATE examen/src/app.module.ts (259 bytes)
CREATE examen/src/app.service.ts (150 bytes)
CREATE examen/src/main.ts (216 bytes)
CREATE examen/src/app.controller.spec.ts (639 bytes)
CREATE examen/test/jest-e2e.json (192 bytes)
CREATE examen/test/app.e2e-spec.ts (654 bytes)

? Installation in progress... @
@ Successfully created project examen
@ Get started with the following commands:

$ cd examen
$ npm run start

failed to execute command: git init
git repository has not been initialized

Thanks for installing Nest @
Please consider donating to our open collective
to help us maintain this package.

@ Donate: https://opencollective.com/nest

PS C:\Taller>
APS C:\Taller>
```

## 2. Creamos el Controlador

```
PS C:\Taller\Examen> nest g co Pagina
CREATE src/pagina/pagina.controller.ts (105 bytes)
CREATE src/pagina/pagina.controller.spec.ts (510 bytes)
UPDATE src/app.module.ts (340 bytes)
PS C:\Taller\Examen>
```

## 3. Instalamos ejs

```
PS C:\Taller\Examen> npm install ejs

added 7 packages, and audited 730 packages in 8s

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

found 0 vulnerabilities
PS C:\Taller\Examen>
```

#### 4. Creamos el servicio

```
added 7 packages, and audited 730 packages in 8s

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

found 0 vulnerabilities
PS C:\Taller\Examen> nest g s Pagina
CREATE src/pagina/pagina.service.ts (94 bytes)
CREATE src/pagina/pagina.service.spec.ts (478 bytes)
UPDATE src/app.module.ts (412 bytes)
PS C:\Taller\Examen>
```

#### 5. Creamos el Modulo

```
PS C:\Taller\Examen> nest g mo Pagina
CREATE src/pagina/pagina.module.ts (87 bytes)
UPDATE src/app.module.ts (479 bytes)
PS C:\Taller\Examen>
```

#### 6. Creamos Views

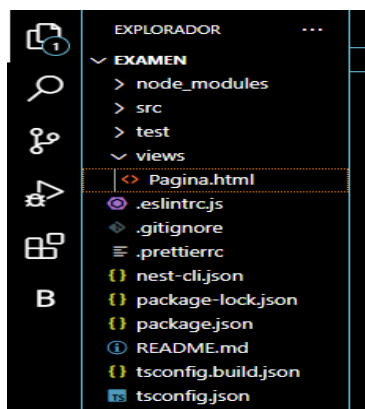
```
PS C:\Taller\Examen> mkdir views

Directorio: C:\Taller\Examen

Mode                LastWriteTime         Length Name
----                -
d-----         21/02/2024   09:40 a. m.         views

PS C:\Taller\Examen>
```

#### 7. Creamos el html en views

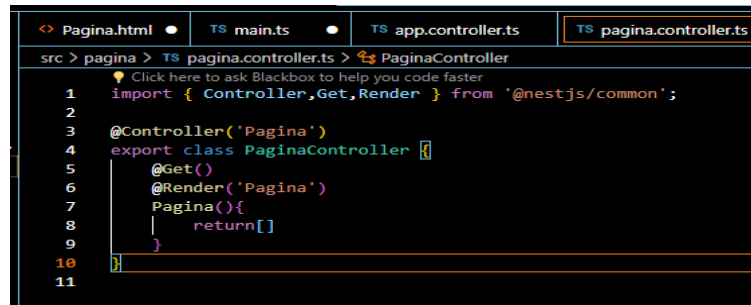


8. En main.ts que esta en src configuramos el motor para las plantillas y asi renderizar el html



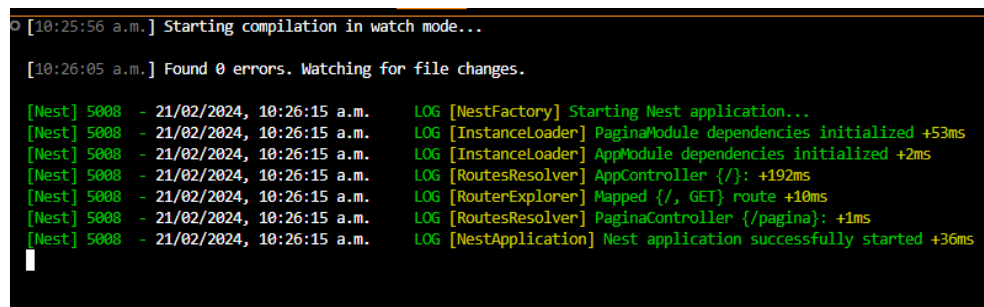
```
Ver Ir Ejecutar ... Examen [Administrador]
src > TS app.controller.spec.ts > ...
1 import { Test, TestingModule } from '@nestjs/testing';
2 import { AppController } from '../app.controller';
3 import { AppService } from '../app.service';
4
5 describe('AppController', () => {
6   let appController: AppController;
7
8   beforeEach(async () => {
9     const app: TestingModule = await Test.createTestingModule({
10       controllers: [AppController],
11       providers: [AppService],
12     }).compile();
13
14     appController = app.get<AppController>(AppController);
15   });
16
```

9. Definimos las rutas en el controlador



```
src > pagina > TS pagina.controller.ts > PaginaController
1 import { Controller, Get, Render } from '@nestjs/common';
2
3 @Controller('Pagina')
4 export class PaginaController {
5   @Get()
6   @Render('Pagina')
7   pagina(): {
8     return[]
9   }
10
11
```

10. Ejecutamos



```
[10:25:56 a.m.] Starting compilation in watch mode...
[10:26:05 a.m.] Found 0 errors. Watching for file changes.
[Nest] 5008 - 21/02/2024, 10:26:15 a.m. LOG [NestFactory] Starting Nest application...
[Nest] 5008 - 21/02/2024, 10:26:15 a.m. LOG [InstanceLoader] PaginaModule dependencies initialized +53ms
[Nest] 5008 - 21/02/2024, 10:26:15 a.m. LOG [InstanceLoader] AppModule dependencies initialized +2ms
[Nest] 5008 - 21/02/2024, 10:26:15 a.m. LOG [RoutesResolver] AppController {}: +192ms
[Nest] 5008 - 21/02/2024, 10:26:15 a.m. LOG [RouterExplorer] Mapped {/, GET} route +10ms
[Nest] 5008 - 21/02/2024, 10:26:15 a.m. LOG [RoutesResolver] PaginaController {/pagina}: +1ms
[Nest] 5008 - 21/02/2024, 10:26:15 a.m. LOG [NestApplication] Nest application successfully started +36ms
```

11. Terminado



Ingrid Ximena Garcia Gutierrez

