

# TAREA\_3\_ CODEIGNITER\_V4

NOMBRE: MARIO OLIVER APAZA HUANCA

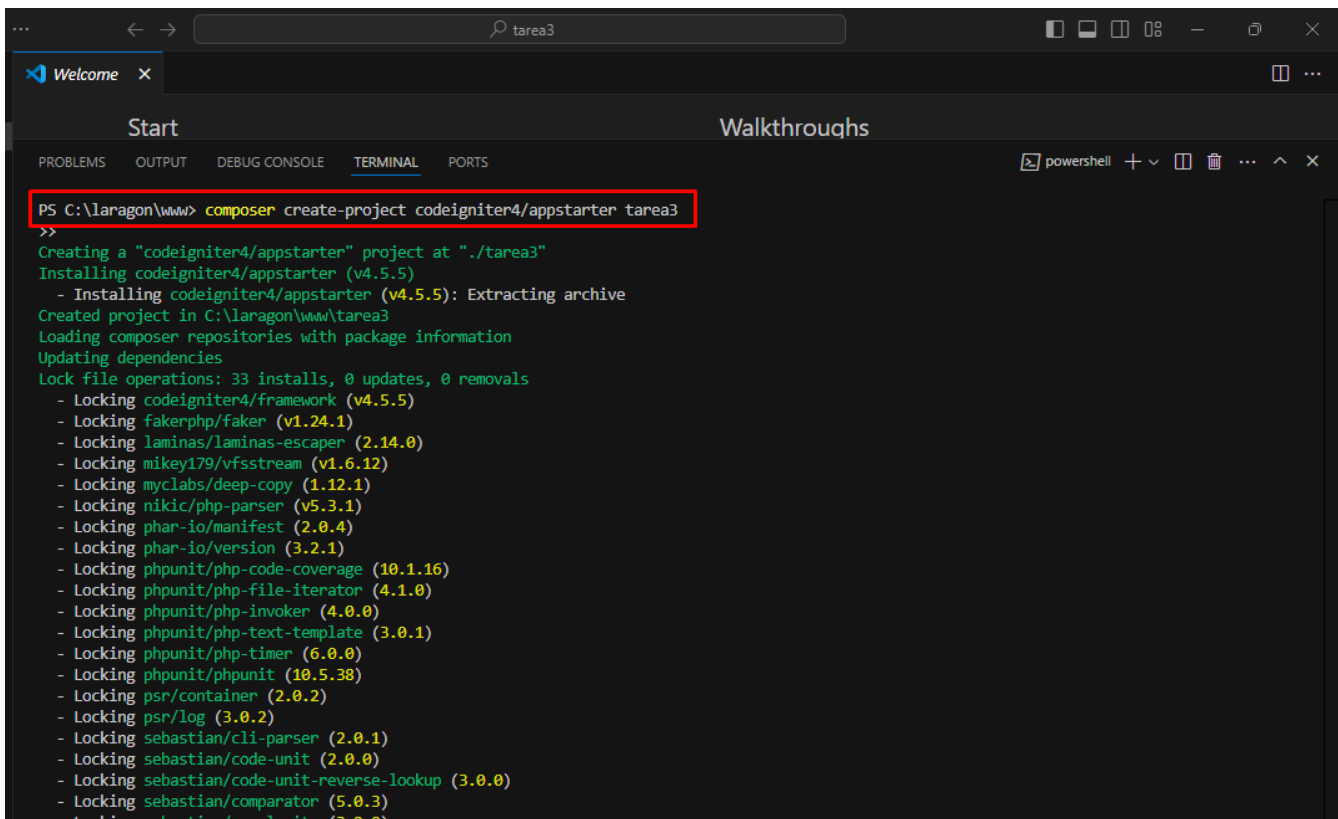
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**Crear un nuevo proyecto de codeigniter 4 denominado "tarea3" (sin coconfigurarlo ni instalar shield, ni crear una base de datos) subir una capturas segun los siguientes parametros:**

1. crear una nueva aplicación de codeigniter 4 denominada "tarea3"
2. Crear el controlador Tarea
3. Crear el modelo TareaModel
4. Definir la ruta tarea
5. Dentro del modelo TareaModel crear un nuevo metodo o funcion denominada miFuncion() dentro de esta funcion retornar el texto *"hola desde el modelo TareaModel, soy SuNombreCompleto"*
6. Realizar la capturas del codigo fuente de la ruta, controlador, modelo y resultado en el navegador y subirlo a la plataforma en formato de imagen o pdf.

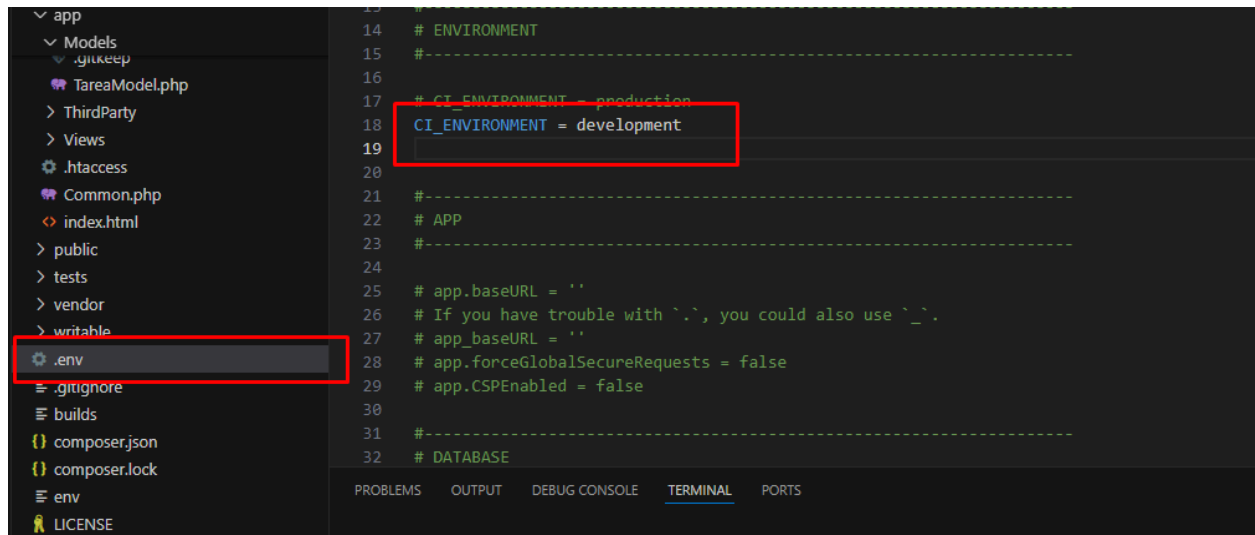
## Descarga CodeIgniter 4

composer create-project codeigniter4/appstarter tarea3



```
PS C:\laragon\www> composer create-project codeigniter4/appstarter tarea3
>>
Creating a "codeigniter4/appstarter" project at "./tarea3"
Installing codeigniter4/appstarter (v4.5.5)
 - Installing codeigniter4/appstarter (v4.5.5): Extracting archive
Created project in C:\laragon\www\tarea3
Loading composer repositories with package information
Updating dependencies
Lock file operations: 33 installs, 0 updates, 0 removals
 - Locking codeigniter4/framework (v4.5.5)
 - Locking fakerphp/faker (v1.24.1)
 - Locking laminas/laminas-escaper (2.14.0)
 - Locking mikey179/vfsstream (v1.6.12)
 - Locking myclabs/deep-copy (1.12.1)
 - Locking nikic/php-parser (v5.3.1)
 - Locking phar-io/manifest (2.0.4)
 - Locking phar-io/version (3.2.1)
 - Locking phpunit/php-code-coverage (10.1.16)
 - Locking phpunit/php-file-iterator (4.1.0)
 - Locking phpunit/php-invoker (4.0.0)
 - Locking phpunit/php-text-template (3.0.1)
 - Locking phpunit/php-timer (6.0.0)
 - Locking phpunit/phpunit (10.5.38)
 - Locking psr/container (2.0.2)
 - Locking psr/log (3.0.2)
 - Locking sebastian/cli-parser (2.0.1)
 - Locking sebastian/code-unit (2.0.0)
 - Locking sebastian/code-unit-reverse-lookup (3.0.0)
 - Locking sebastian/comparator (5.0.3)
 - Locking sebastian/complexity (2.2.0)
```

**Configura el entorno. Cambia el nombre de `env` a `.env` y habilita la línea para el entorno de desarrollo:**



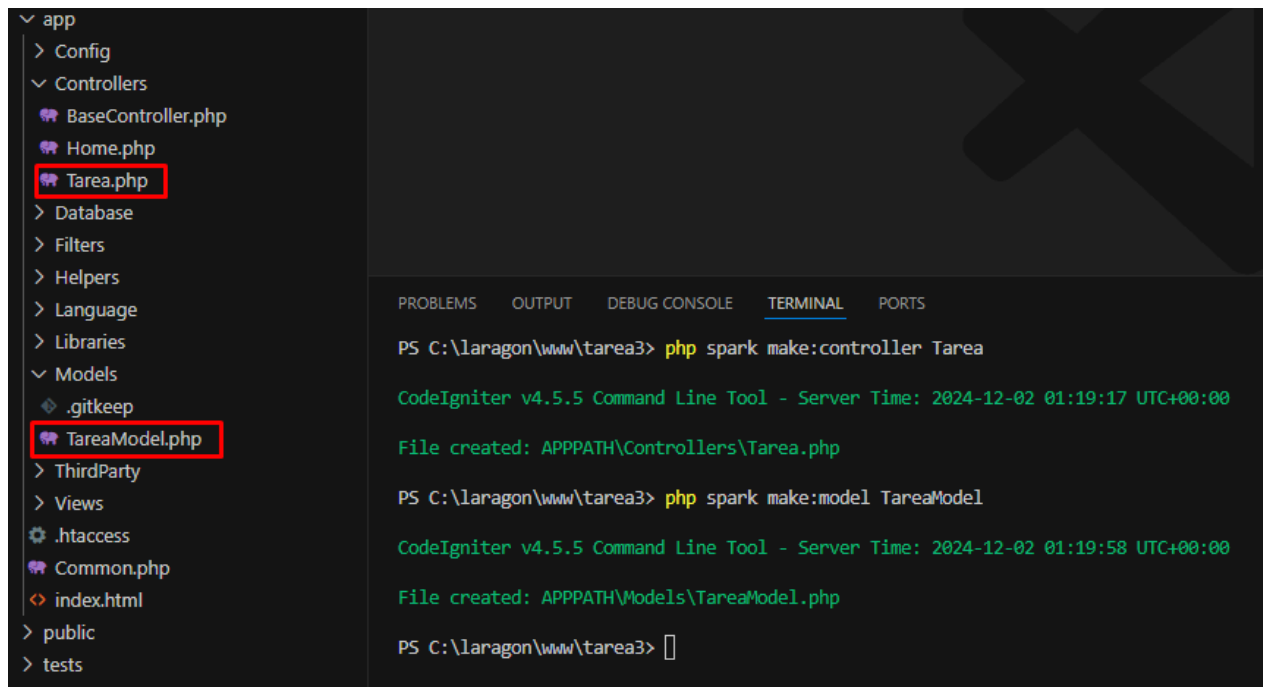
The screenshot shows the VS Code interface with the `.env` file open. The file content is as follows:

```
13 # CI_ENVIRONMENT = production
14 # ENVIRONMENT
15 #-----
16
17 # CI_ENVIRONMENT = production
18 CI_ENVIRONMENT = development
19
20
21 #-----
22 # APP
23 #-----
24
25 # app.baseURL = ''
26 # If you have trouble with `.` , you could also use ` _ ` .
27 # app_baseURL = ''
28 # app.forceGlobalSecureRequests = false
29 # app.CSPEnabled = false
30
31 #-----
32 # DATABASE
```

The file explorer on the left shows the project structure, with `.env` highlighted. The bottom panel shows the `TERMINAL` tab.

**Crear el Controlador, Modelo:**

- `php spark make:controller Tarea`
- `php spark make:model TareaModel`



The screenshot shows the VS Code interface with the `Controllers` and `Models` folders visible in the file explorer. The `Tarea.php` file is highlighted in the `Controllers` folder, and the `TareaModel.php` file is highlighted in the `Models` folder. The terminal shows the following commands and output:

```
PS C:\laragon\www\tarea3> php spark make:controller Tarea

CodeIgniter v4.5.5 Command Line Tool - Server Time: 2024-12-02 01:19:17 UTC+00:00
File created: APPPATH\Controllers\Tarea.php

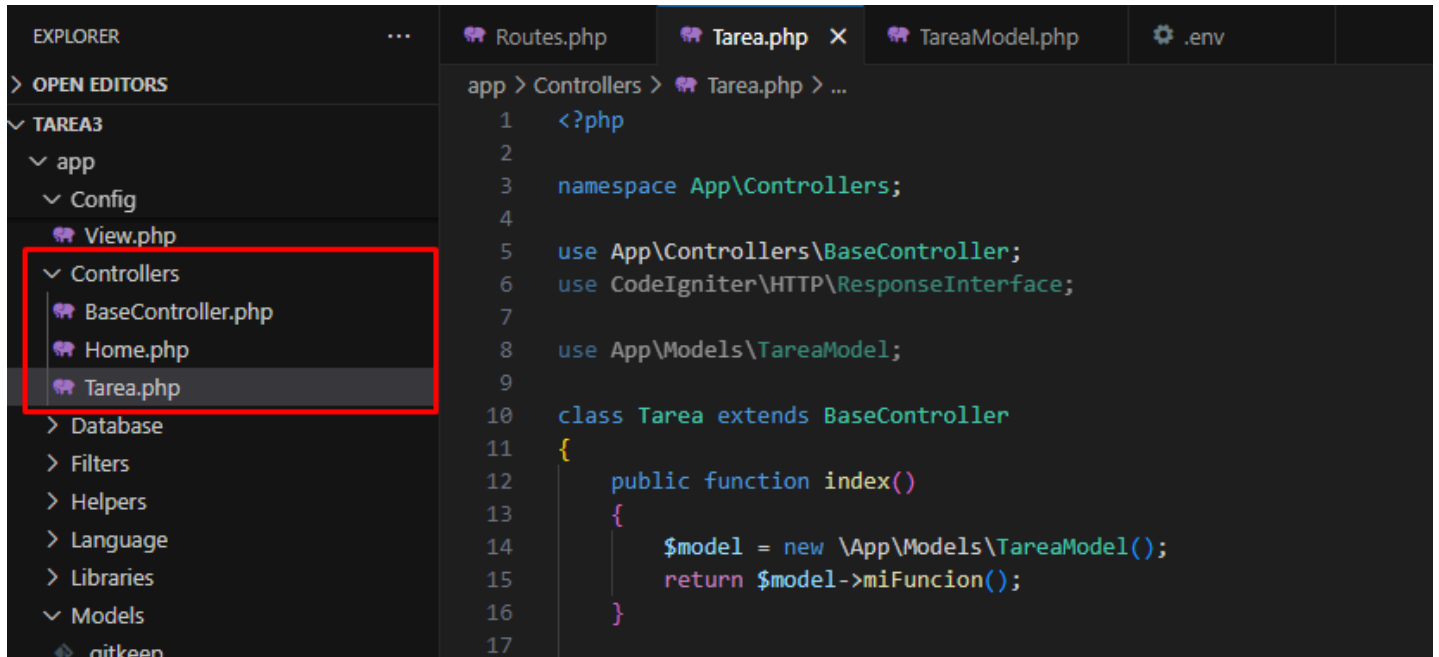
PS C:\laragon\www\tarea3> php spark make:model TareaModel

CodeIgniter v4.5.5 Command Line Tool - Server Time: 2024-12-02 01:19:58 UTC+00:00
File created: APPPATH\Models\TareaModel.php

PS C:\laragon\www\tarea3>
```

**Abrimos el archivo generado en app/Controllers/Tarea.php editamos:**

```
public function index()
{
    $model = new \App\Models\TareaModel();
    return $model->miFuncion();
}
```



**Abrimos el archivo generado en app/Models/TareaModel.php y creamos la funcion miFuncion():**

```
public function miFuncion()
{
    return "<h1> hola desde el modelo TareaModel, soy MARIO OLIVER
    APAZA HUANCA </h1>";
}
```

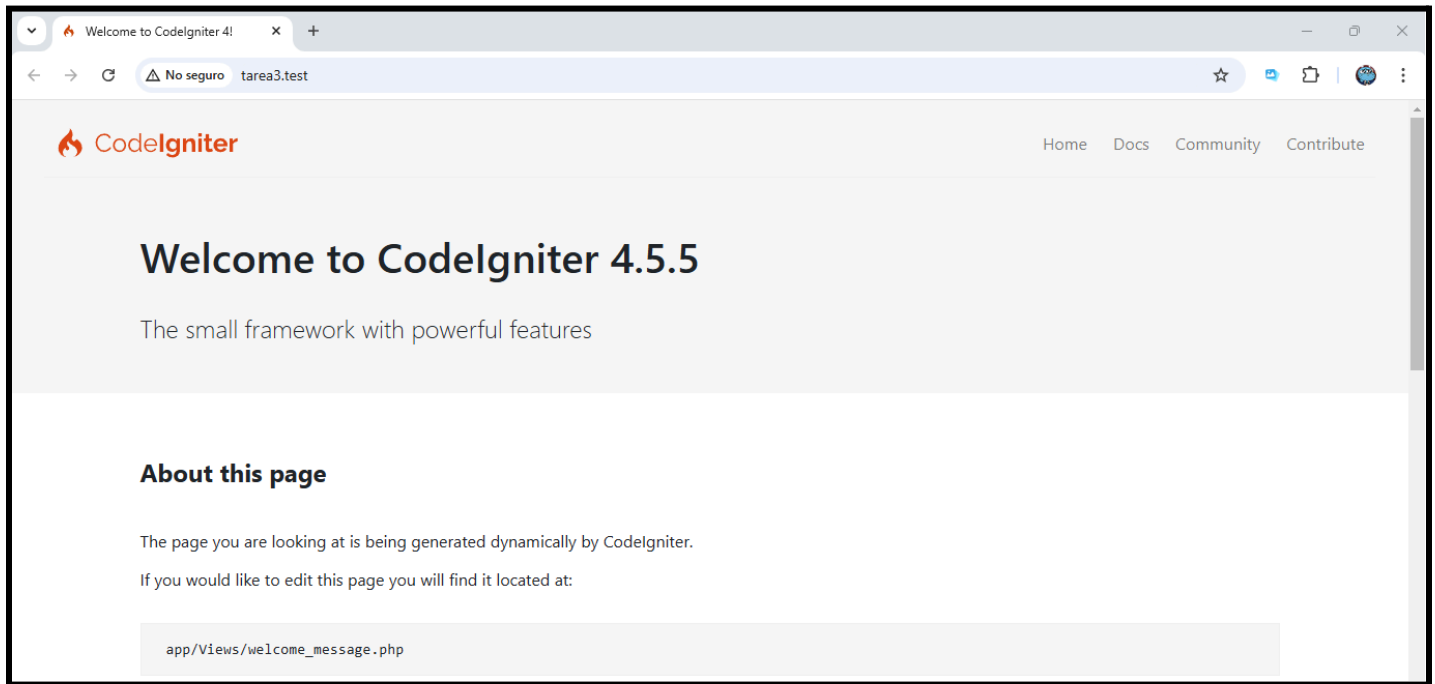
```
1  <?php
2
3  namespace App\Models;
4
5  use CodeIgniter\Model;
6
7  class TareaModel extends Model
8  {
9      public function miFuncion()
10     {
11         return "<h1> hola desde el modelo TareaModel, soy MARIO OLIVER APAZA HUANCA </h1>";
12     }
13
14
15
16
17
18     protected $table           = 'tareas';
19     protected $primaryKey      = 'id';
20     protected $useAutoIncrement = true;
21     protected $returnType      = 'array';
22     protected $useSoftDeletes   = false;
23     protected $protectFields   = true;
24     protected $allowedFields    = [];
25
26     protected bool $allowEmptyInserts = false;
27     protected bool $updateOnlyChanged = true;
28
29     protected array $casts = [];
```

### Definir la ruta "tarea"

```
$routes->get('tarea', 'Tarea::index');
```

```
1  <?php
2
3  use CodeIgniter\Router\RouteCollection;
4
5  /**
6   * @var RouteCollection $routes
7   */
8  $routes->get('/', 'Home::index');
9
10 $routes->get('tarea', 'Tarea::index');
11 // $routes->get('tarea/mostrar', 'Tarea::mostrar');
12
```

Probamos la ruta: <http://tarea3.test/>



Probamos la ruta: <http://tarea3.test/tarea>

