

```

1 use App\Models\Flight;
2
3 foreach (Flight::all() as $flight) {
4     echo $flight->name;
5 }

```

SQL Statement:

```
SELECT * FROM Customers;
```

Your Database:

Tablenames	Records
<u>Customers</u>	91
<u>Categories</u>	8
<u>Employees</u>	10
<u>OrderDetails</u>	518
<u>Orders</u>	196
<u>Products</u>	77
<u>Shippers</u>	3
<u>Suppliers</u>	29

Number of Records: 91

CustomerID	CustomerName	ContactName	Address	City	PostalCode	Country
1	Alfreds Futterkiste	Maria Anders	Obere Str. 57	Berlin	12209	Germany
2	Ana Trujillo Emparedados y helados	Ana Trujillo	Avda. de la Constitución 2222	México D.F.	05021	Mexico

```
$user = DB::select('select * from userTable where userID = ?', [1]);
```

```

use Illuminate\Support\Facades\DB;
$users = DB::table('users')->select('name', 'email as user_email')->get();

```

```

public function index()
{
    // $users = DB::table('users')->select('name', 'email as
user_email')->get();

    $data = DB::table('students')->select('id','name', 'mobile as
my_mobile')->get();

    dd($data);

    // dd('studentController index');
}

```

```
        return view('student.index');  
  
    }  
}
```

```
Illuminate\Support\Collection {#1  
  #items: array:3 [▼  
    0 => {#1228 ▼  
      +id: 1  
      +name: "amy"  
      +my_mobile: "0911"  
    }  
    1 => {#1230 ▶}  
    2 => {#1231 ▶}  
  ]  
}
```

route

controller

model

view

1.安裝laravel 指定版本

```
composer create-project "laravel/laravel:^10.0" example-app
```

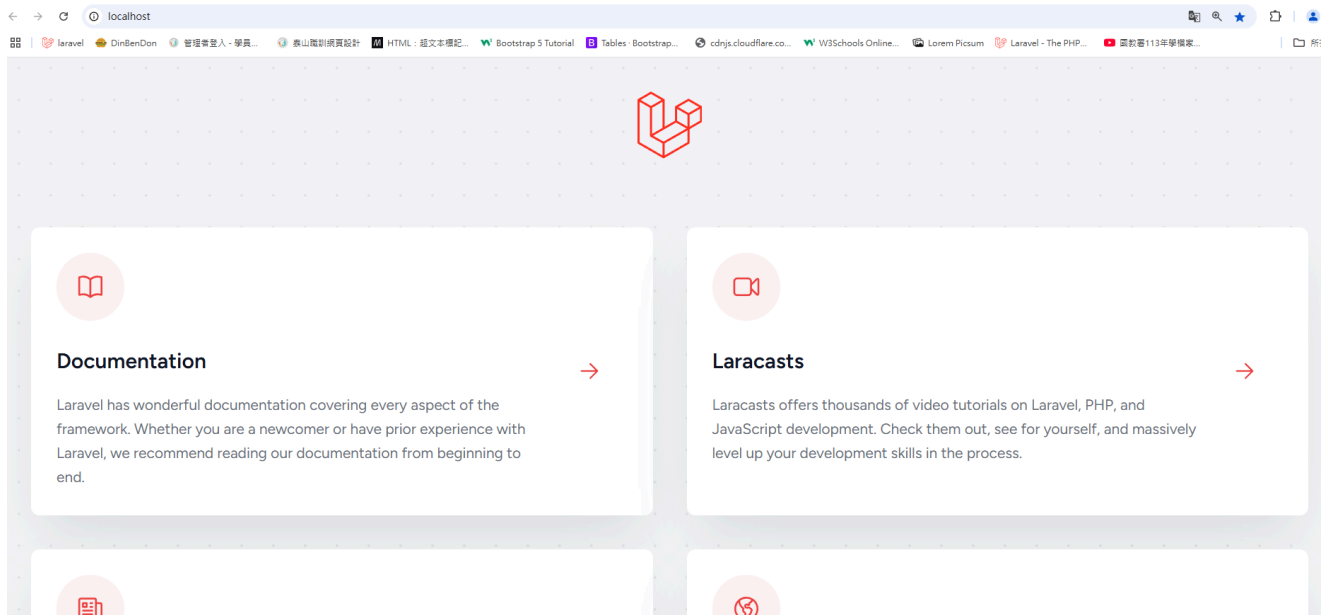
```
composer create-project "laravel/laravel:^10.0" laravel_03_04
```

```
cd laravel_03_04
```

```
php artisan
```

```
DocumentRoot "C:/xampp/htdocs/laravel/laravel_03_04/public"  
<Directory "C:/xampp/htdocs/laravel/laravel_03_04/public">
```

restart xampp



mvc

students

id / name /mobile

php artisan make:model Flight

php artisan make:model Student -mcr

```
user@Teacher MINGW64 /c/xampp/htdocs/laravel/laravel_03_04
$ php artisan make:model Student -mcr

INFO Model [C:\xampp\htdocs\laravel\laravel_03_04\app\Models\Student.php] created successfully.

INFO Migration [C:\xampp\htdocs\laravel\laravel_03_04\database\Migrations\2025_03_04_032127_create_students_table.php] created successfully.

INFO Controller [C:\xampp\htdocs\laravel\laravel_03_04\app\Http\Controllers\StudentController.php] created successfully.
```

route -> controller -> view

```
use App\Http\Controllers\PhotoController;
Route::resource('photos', PhotoController::class);

use App\Http\Controllers\StudentController;
Route::resource('students', StudentController::class);
```

```
class StudentController extends Controller
{
    /**
     * Display a listing of the resource.
     */
    public function index()
    {
        dd('hello student index');
        //
    }
}
```

← → ↻ localhost/students

laravel DinBenDon 管理者登入 - 學員... 泰山職訓

```
"hello student index" // app\Http\Controllers\
```

- resources
 - css
 - js
 - views
 - student
 - index.blade.php
 - welcome.blade.php

```
1 <!DOCTYPE html>
2 <html lang="en">
3
4 <head>
5     <meta charset="UTF-8">
6     <meta name="viewport" content="width=device-width, initial-scale=1">
7     <meta http-equiv="X-UA-Compatible" content="IE=edge">
8     <title>Document</title>
9 </head>
10
11 <body>
12     Hello student index view
13 </body>
14
15 </html>
16
```

```
web.php index.blade.php StudentController.php X
http > Controllers > StudentController.php > StudentController > index
1 <?php
2
3 namespace App\Http\Controllers;
4
5 use App\Models\Student;
6 use Illuminate\Http\Request;
7
8 class StudentController extends Controller
9 {
10     /**
11      * Display a listing of the resource.
12      */
13     public function index()
14     {
15         // dd('hello student index');
16         return view('student.index');
17         //
18     }
19
20     /**
21      * Show the form for creating a new resource.
```

```
public function index()
{
    // dd('hello student index');
    $data = [
        [
            'id' => 1,
            'name' => 'amy',
            'mobile' => '0911'
        ],
        [
            'id' => 2,
            'name' => 'bob',
            'mobile' => '0922'
        ],
        [
            'id' => 3,
            'name' => 'cat',
            'mobile' => '0933'
        ]
    ];
    // dd($data);
    return view('student.index', ['data' => $data]);
    //
}
```

```
web.php  index.blade.php  StudentController.php
sources > views > student > index.blade.php > html > body > br
1  <!DOCTYPE html>
2  <html lang="en">
3
4  <head>
5      <meta charset="UTF-8">
6      <meta name="viewport" content="width=device-wid
7      <meta http-equiv="X-UA-Compatible" content="ie=
8      <title>Document</title>
9  </head>
10
11 <body>
12     Hello student index view
13     <hr>
14     <br>
15
16     @php
17         // dd($data);
18     @endphp
19
20     @foreach ($data as $value)
21         {{ $value['id'] }} <br>
22         {{ $value['name'] }} <br>
23         {{ $value['mobile'] }} <br>
24         <hr><br>
25     @endforeach
26 </body>
27
28 </html>
29
```



```
laravel_03_04
web.php x index.blade.php .env x 2025_03_04_032127_create_students_ta
.env
4 APP_DEBUG=true
5 APP_URL=http://localhost
6
7 LOG_CHANNEL=stack
8 LOG_DEPRECATIONS_CHANNEL=null
9 LOG_LEVEL=debug
10
11 DB_CONNECTION=mysql
12 DB_HOST=127.0.0.1
13 DB_PORT=3306
14 DB_DATABASE=laravel_0304
15 DB_USERNAME=root
16 DB_PASSWORD=
17
```

資料庫

建立新資料庫 ?

laravel_0304

utf8mb4_unicode_ci

建立

```
web.php | index.blade.php | .env | 2025_03_04_032127_create_students_table.php X | StudentController.php
database > migrations > 2025_03_04_032127_create_students_table.php > class > up > Closure
2
3 use Illuminate\Database\Migrations\Migration;
4 use Illuminate\Database\Schema\Blueprint;
5 use Illuminate\Support\Facades\Schema;
6
7 return new class extends Migration
8 {
9     /**
10      * Run the migrations.
11      */
12     public function up(): void
13     {
14         Schema::create('students', function (Blueprint $table) {
15             $table->id();
16             $table->string('name');
17             $table->string('mobile');
18             $table->timestamps();
19         });
20     }
21
22     /**
```

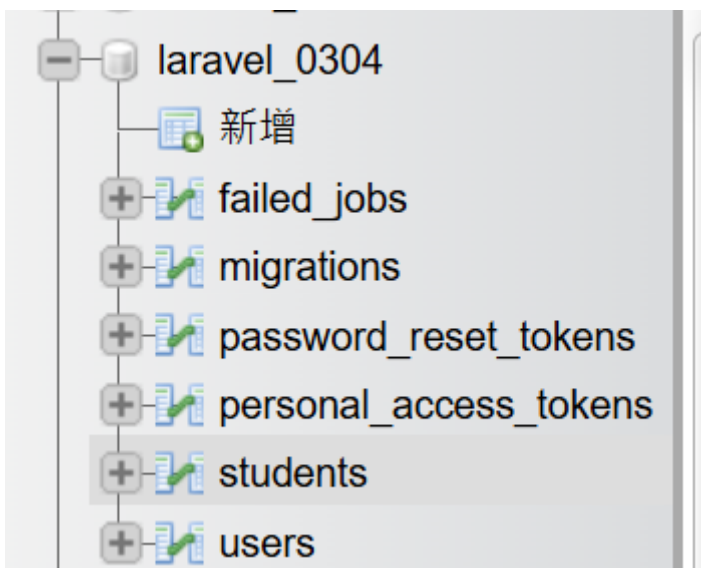
```
user@Teacher MINGW64 /c:/xampp/htdocs/laravel/laravel_03_04
$ php artisan migrate

INFO Preparing database.

Creating migration table ..... 12ms DONE

INFO Running migrations.

2014_10_12_000000_create_users_table ..... 10ms DONE
2014_10_12_100000_create_password_reset_tokens_table ..... 4ms DONE
2019_08_19_000000_create_failed_jobs_table ..... 8ms DONE
2019_12_14_000001_create_personal_access_tokens_table ..... 12ms DONE
2025_03_04_032127_create_students_table ..... 4ms DONE
```



伺服器: 127.0.0.1 » 資料庫: laravel_0304 » 資料表: students

瀏覽 結構 SQL 搜尋 新增 匯出 匯入 權限 操作 追蹤 觸發器

✔ 新增了 3 列。
新增的資料列行 ID : 3

```
INSERT INTO `students` (`id`, `name`, `mobile`, `created_at`, `updated_at`) VALUES (NULL, 'amy', '0911', NULL, NULL), (NULL, 'bob', '0922', NULL, NULL), (NULL, 'cat', '0933', NULL, NULL);
```

[行內編輯] [編輯] [建立 PHP 程式碼]

在資料表 laravel_0304.students 執行 SQL 查詢: ?

```
1 INSERT INTO `students` (`id`, `name`, `mobile`, `created_at`, `updated_at`) VALUES (NULL, 'amy', '0911', NULL, NULL), (NULL, 'bob', '0922', NULL, NULL), (NULL, 'cat', '0933', NULL, NULL);
```

id	name	mobile	created_at	updated_at
----	------	--------	------------	------------

Prologue

Getting Started

Architecture Concepts

The Basics

Digging Deeper

Security

Database

Getting Started

Query Builder

Pagination

Migrations

Seeding

```
1 <?php
2
3 namespace App\Http\Controllers;
4
5 use App\Http\Controllers\Controller;
6 use Illuminate\Support\Facades\DB;
7 use Illuminate\View\View;
8
9 class UserController extends Controller
10 {
11     /**
12      * Show a list of all of the application's users.
13      */
14     public function index(): View
15     {
16         $users = DB::select('select * from users where active
17
18         return view('user.index', ['users' => $users]);
19     }
20 }
```

```
/**
public function index()
{
    // $users = DB::select('select * from users where active = ?', [1]);
    // return view('user.index', ['users' => $users]);

    // $data = DB::select('select * from students');
    $data = DB::table('students')->get();
    dd($data);
    return view('student.index', ['data' => $data]);
    //
}
/**
```

public > test.sql

```
1  INSERT INTO
2      `students` (
3          `id`,
4          `name`,
5          `mobile`,
6          `created_at`,
7          `updated_at`
8      )
9  VALUES
10     (NULL, 'amy', '0911', NULL, NULL),
11     (NULL, 'bob', '0922', NULL, NULL),
12     (NULL, 'cat', '0933', NULL, NULL),
13     (NULL, 'dog', '0944', NULL, NULL),
14     (NULL, 'egg', '0955', NULL, NULL);
```

git clone https://github.com/chengkk0910/laravel_20250225.git laravel_20250304

<https://stackoverflow.com/questions/38602321/cloning-laravel-project-from-github>

git clone 'link projer github

composer install

cp .env.example .env

php artisan key:generate

```
.env x
.env

21 LOG_DEPRECATEDATIONS_CHANNEL=null
22 LOG_LEVEL=debug
23
24 DB_CONNECTION=mysql
25 DB_HOST=127.0.0.1
26 DB_PORT=3306
27 DB_DATABASE=laravel_20250304
28 DB_USERNAME=root
29 DB_PASSWORD=
```

php artisan migrate

INSERT INTO

```
`students` (  
    `id`,  
    `name`,  
    `mobile`,  
    `created_at`,  
    `updated_at`  
)
```

VALUES

```
(NULL, 'amy', '0911', NULL, NULL),  
(NULL, 'bob', '0922', NULL, NULL),
```

```
(NULL, 'cat', '0933', NULL, NULL),
```

```
(NULL, 'dog', '0944', NULL, NULL);
```

419 | PAGE EXPIRED

create -> post

action post

token

Verb	URI	Action	Route Name
GET	/photos	index	photos.index
GET	/photos/create	create	photos.create
<u>POST</u>	<u>/photos</u>	<u>store</u>	<u>photos.store</u>
GET	/photos/{photo}	show	photos.show
GET	/photos/{photo}/edit	edit	photos.edit
PUT/PATCH	/photos/{photo}	update	photos.update
DELETE	/photos/{photo}	destroy	photos.destroy

```
<form action="{ route('students.store') }}" method="post">
    @csrf
    <div class="mb-3 mt-3">
        <label for="name">Name:</label>
        <input type="name" class="form-control" id="name" placeholder="Enter name" name="name">
    </div>
    <div class="mb-3 mt-3">
        <label for="mobile">Mobile:</label>
        <input type="mobile" class="form-control" id="mobile" placeholder="Enter mobile" name="mobile">
    </div>
    <button type="submit" class="btn btn-primary">Submit</button>
</form>
```

```
<!-- Create forms -->
<form action="http://localhost/students" method="post">
    <input type="hidden" name="_token" value="HzLCQuDgIZajTXIicZ6HeObODB9B6TXq2HUJzDXo" autocomplete="off">
    <div class="mb-3 mt-3">
        <label for="name">Name:</label>
        <input type="name" class="form-control" id="name" placeholder="Enter name" name="name">
    </div>
    <div class="mb-3 mt-3">
        <label for="mobile">Mobile:</label>
        <input type="mobile" class="form-control" id="mobile" placeholder="Enter mobile" name="mobile">
    </div>
    <button type="submit" class="btn btn-primary">Submit</button>
</form>
```

```
StudentController.php M x test.sql index.blade.php create.blade.php M
> Controllers > StudentController.php > StudentController > show

return view('student.create');
}

/**
 * Store a newly created resource in storage.
 */
public function store(Request $request)
{
    dd($request);
}
```

```
Illuminate\Http\Request {#43 ▼ // app\Http\Controllers\StudentController.php:36
+attributes: Symfony\Component\HttpFoundation\ParameterBag {#48 ▼
    #parameters: []
}
+request: Symfony\Component\HttpFoundation\InputBag {#44 ▼
    #parameters: array:3 [▼
        "_token" => "HzLCQuDgIZajTXIicZ6HeObODB9B6TXq2HUJzDXo"
        "name" => "fox"
        "mobile" => "0966"
    ]
}
+query: Symfony\Component\HttpFoundation\InputBag {#51 ▶}
+server: Symfony\Component\HttpFoundation\ServerBag {#46 ▶}
+files: Symfony\Component\HttpFoundation\FileBag {#50 ▶}
```

```
StudentController.php M x test.sql index.blade.php create.blade.php M
controllers > StudentController.php > StudentController

return view('student.create');
}

/**
 * Store a newly created resource in storage.
 */
public function store(Request $request)
{
    // dd($request);
    $input = $request->except('_token');
    dd($input);
}
```

```
array:2 [▼ // app\Http\Controllers\StudentController.php:38
  "name" => "fox"
  "mobile" => "0966"
]
```

php artisan make:model Flight
php artisan make:model Student

```
| use App\Models\Student;
```



```
public function store(Request $request)
{
    // dd($request);
    $input = $request->except('_token');
    // dd($input);

    $data = new Student;

    // $data->name = $request->name;
    // $data->mobile = $request->mobile;

    $data->name = $input['name'];
    $data->mobile = $input['mobile'];

    $data->save();

    return redirect()->route('students.index');
    // return redirect('/students');
}
```