set up the two CodeIgniter projects, where one exposes data via a REST API a

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Step:	**Headings**	**Details**
TS00.47	Download Code igniter	https://codeigniter.com/userguide3/installation/downloads.html
TS 00.48	Copy paste in htdocs folder in Xampp	C:\xampp\htdocs\6_api\funda_api_s1\application\controllers\Welcome.php C:\xampp\htdocs\1_api http://localhost/1_api/funda/
	1. First Project (API Provider)	
	Download the Required file	1. RestController.php 2. Rest_controller_lang.php 3. Rest.php 4. Format.php https://www.fundaofwebit.com/post/codeigniter-3-restful-api-tutorial-using
	Paste the language file in language folder	C:\xampp\htdocs\6_api\funda_api_s1\application\language\english\rest_co
	Code are here	
	Copy the(rest.php) and pestle the following path	C:\xampp\htdocs\6_api\funda_api_s1\application\config\rest.php
	Code are here	
	Copy the restContrer.php & Format.php int he following path	C:\xampp\htdocs\6_api\funda_api_s1\application\libraries\RestController.p C:\xampp\htdocs\6_api\funda_api_s1\application\libraries\Format.php
	`Composer check	Open >new terminal> Write “Composer”
	Call page through composer	php -S localhost:8000
	Call the page	http://localhost:8000

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	Controller create : C:\xampp\htdocs\1_api\API_Provider\application\controllers\ApiDemo.php	**1. First Project (API Provider)** In your first project, you have the controller `ApiDemoController`. Let's **ApiDemoController:** php Copy code

```php
<?php
defined('BASEPATH') OR exit('No direct script access allowe

require APPPATH . 'libraries/RestController.php';
require APPPATH . 'libraries/Format.php';

use chriskacerguis\RestServer\RestController;

class ApiDemo extends RestController
{
    public function __construct()
    {
        parent::__construct();
        // Load models if necessary
    }

    public function users_get()
    {
        // Sample data that will be returned as JSON
        $users = [
            ['id' => 1, 'name' => 'John Doe', 'email' => 'j
            ['id' => 2, 'name' => 'Jane Smith', 'email' =>
        ];

        // Respond with data and HTTP status code
        $this->response($users, RestController::HTTP_OK);
```

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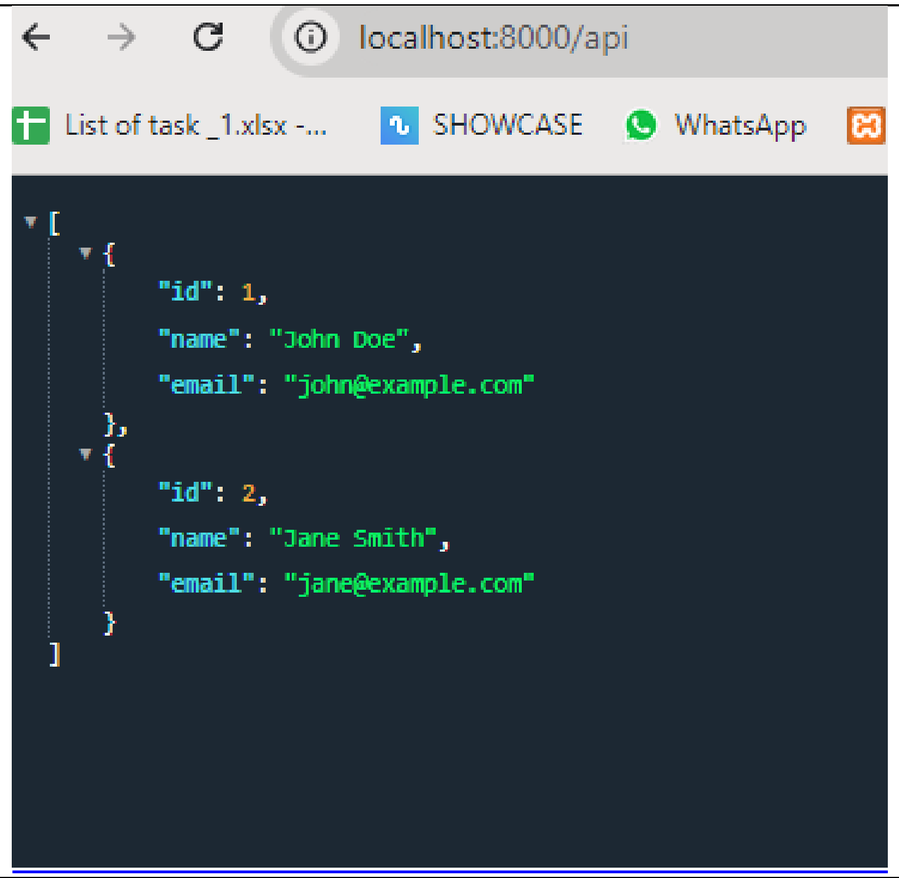

2. Second Project (API Consumer)

In the second project, you need to make an HTTP request to the first project's API and handle the response.

ApiClientController:

C:\xampp\htdocs\1_api\API_Consumer\application\controllers\ApiClientCo

```php
<?php
defined('BASEPATH') OR exit('No direct script access allowe

class ApiClientController extends CI_Controller
```

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```
        if ($response === false) {
            echo "cURL Error: " . curl_error($ch);
        } else {
            // Decode the response
            $data['users'] = json_decode($response, true);

            // Load view and pass the data (You can replace
            $this->load->view('users_view', $data);
        }

        // Close the cURL session
        curl_close($ch);
    }
}
?>
```

View to Display Data (users_view.php)

C:\xampp\htdocs\1_api\API_Consumer\application\views\users_view.php

```
<html>
<head>
    <title>Users List</title>
</head>
<body>
    <h1>List of Users</h1>
    <ul>
        <?php if (!empty($users)) : ?>
            <?php foreach ($users as $user) : ?>
                <li><?php echo $user['name']; ?> (<?php ech
            <?php endforeach; ?>
        <?php else : ?>
            <li>No users found.</li>
        <?php endif; ?>
```

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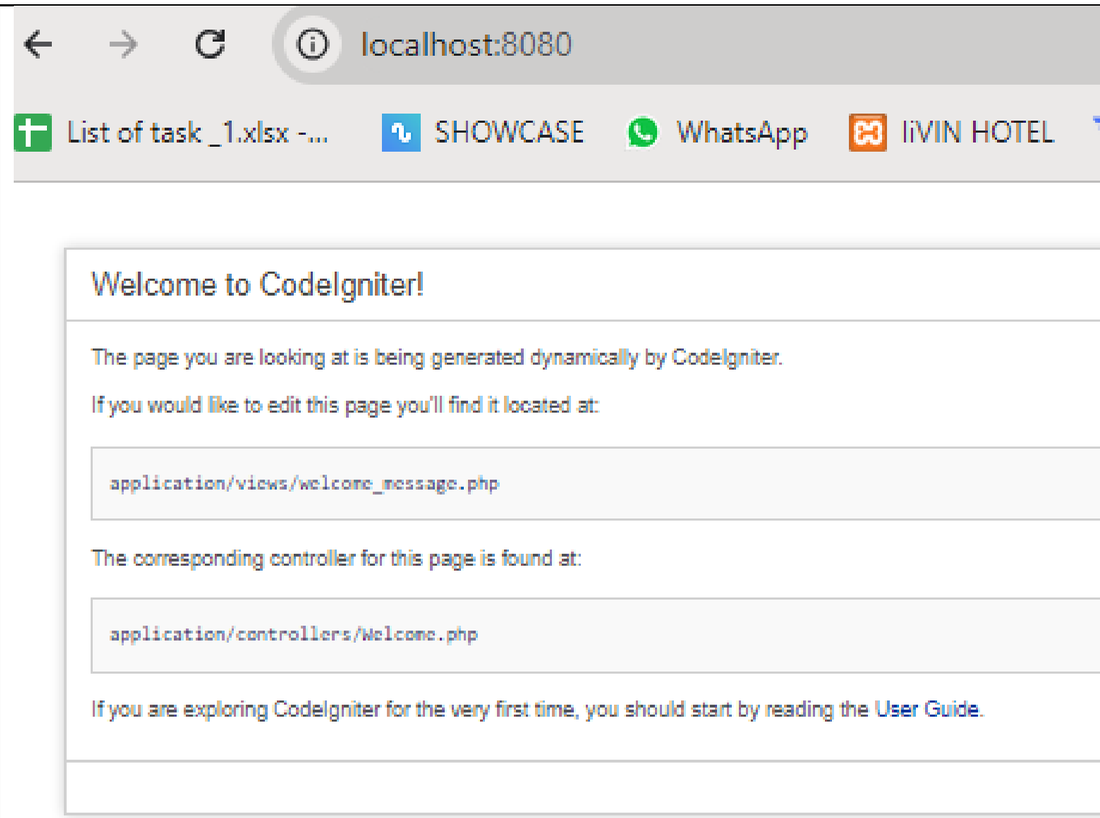
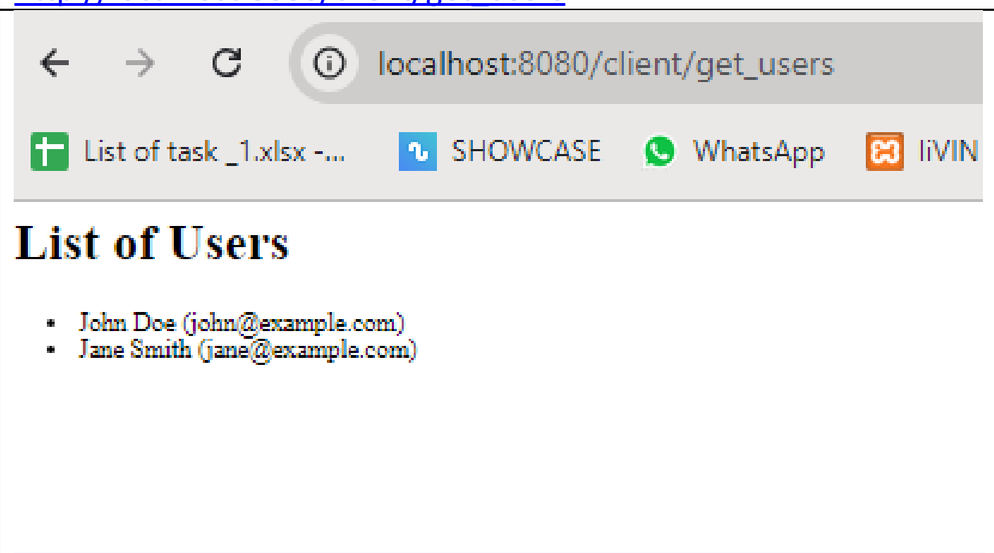
		
	Call the page	http://localhost:8080/client/get_users
		

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