PHP functions

JSON - format for representing data.

file_get_contents(url) -> function that fetches the content from the url passed as 1st argument. Often used to guery API endpoints and return data in JSON format.

json_decode(\$json, true) -> function that accepts data in JSON format and transforms it to an associative array.

For this session, you will need to use the JSONPlaceholder API, available here: https://jsonplaceholder.typicode.com/

The 3 endpoints that you will need are:

https://jsonplaceholder.typicode.com/users https://jsonplaceholder.typicode.com/posts https://jsonplaceholder.typicode.com/todos

You can open them up in the browser and inspect the data that they provide.

You will need to fetch all the users from their API, then fetch all the posts and all the todos from the appropriate API endpoints given above.

The code for that is given here:

```
$users = file_get_contents("https://jsonplaceholder.typicode.com/users");
$posts = file_get_contents("https://jsonplaceholder.typicode.com/posts");
$todos = file_get_contents("https://jsonplaceholder.typicode.com/todos");
```

At this moment in the \$users, \$posts and \$todos variables you have data in JSON format. You can print it out with echo to check the content of each variable. In order to do something with this data in php we need to turn this into array format. We will do this using the json_decode function. The code for this operation is given here:

```
$users = json_decode($users, true);
$posts = json_decode($posts, true);
$todos = json_decode($todos, true);
```

At this moment, in the \$users, \$posts and \$todos variables you have PHP arrays. You can print out the arrays using the print_r() function in order to examine their contents.

Your job is to combine these 3 arrays into one array with the following format:

```
[
        'info' => [
           'name' => '',
            'surname' => '',
            'email' => '',
            'company' => ''
        ],
        'posts' => [
            [
                'title' => '',
                'body' => ''
            ],
                'title' => '',
                'body' => ''
            ],
            ... (more posts)
        ],
        'todos' => [
            [
                 'title' => '',
                'completed' => ''
            ],
            'title' => '',
                'completed' => ''
            ],
            ... (more todos)
        ]
    ],
    ... (more users)
]
```

After having the combined array, iterate it and print each user with all his data. For example, one format in which you can print is given here (attached separately with this mentorship exercise).

Leanne Graham	Posts	Todos
@Bret Email: Sincere@april.biz City: Gwenbroough Company: Romaguera-Crona	Title: sunt auf facere repellat provident occaecati excepturi optio reprehenderit Body: quia et suscipit suscipit recusandae consequantur expedita et cum reprehenderit molestiae ut ut quas totam nostrum rerum est autem sunt rem eveniet architecto	Title: delectus aut auter
		Title: quis ut nam facilis et officia qu
		Title: fugiat veniam minu
	Title: qui est esse Body:	Title: et porro tempor
	tooy: est reum tempore vitae sequi sint nihil reprehenderit dolor beatae ea dolores neque fugiat blanditiis voluptate porro vel nihil molestiae ut reiciendis qui aperiam non debitis possimus qui neque nisi nulla	Title: laboriosam mollitia et enim quasi adipisci quia provident illu
		Title: qui ullam ratione quibusdam voluptatem quia omn
	Title: ea molestas quasi exercitationem repellat qui ipso sit aut Body: et iusto sed quo iure voluptarem occaecati omnis eligeedi aut ad voluptatem doloribus vel accusantium quis pariatur molestiae porro eius odio et labore et velti aut.	Title: illo expedita consequatur quia
		Title: quo adipisci enim quam ut a
		Title: molestiae perspiciatis ips
	Title: eum et est occaseait Bedy; ullam et saepe reiclendis voluptatem adpisci sit amet autem assumenda provident rerum culpa quis hic commodi nesciunt rem tenetur doloremque ipasm inte quis sunt voluptatem rerum filo velit	Title: illo est ratione doloremque quia maiores a
		Title: vero rerum temporibus dol-
		Title: ipsa repellendus fugit n
	Title: nesciunt quas odio Body: repotlandae veniam quaerat sunt sed alias aut fugiat sit autem sed est voluptatem omnis possimus esse voluptatibus quis est aut tenetur dolor neque	Title: et doloremque nui
		Title: repellendus sunt dolores architecto voluptatu
	Title: dolorem eum magni eoa aperiam quia Body: ut aspernante corporis harum nihil quis provident sequi mollitia nobis aliquid molestiae perspiciatis et ea nemo ab reprehenderit accusantium quas voluptare dolores voite et dolorempa emberiase voluptare dolores voite et dolorempa emberiase	Title: ab voluptatum amet volupt
		Title: accusamus eos facilis sint et aut voluptate
		Title: quo laboriosam deleniti aut q
	Title: magnam facilis autem Body: dolore placeat quibusdam ea quo vitae magni quis enim qui quis quo nemo aut saepe quidem repellat excepturi ut quia sunt ut sequi eos ea sed quas	Title: dolorum est consequatur ea mollitia in culp
		Title: molestiae ipsa aut voluptatibus pariatur dolor nil
	Title: dolorem dolore est ipsam	Title: ullam nobis libero sapiente ad optio si
	Body: dignissimos aperiam dolorem qui eum facilis quibusdam animi sint suscipit qui sint possimus cum quaerat magni maiores excepturi ipsam ut commodi dolor volupiatum modi aut vitae	
	Title: nesciunt iure onnis dolorem tempora et accusantium Body: consectetur animi nesciunt iure dolore enim quia ad veniam autem ut quam aut nobis et est aut quod aut provident voluptas autem voluptas	
	Title: optio molestias id quia eum Body: quo et expedita modi cum officia vel magni doloribus qui repudiandae vero nisi sit quos veniam quod sed accusamus veritatis error	
Ervin Howell	Posts	Tode
	Title: et ea vero quia laudantium autem	Title: suscipit repellat esse quibusdam voluptatem incidu
@Antonette	Body:	Title: distinctio vitae autem nihil ut molestias qu
Email: Shanna@melissa.tv	delectus reiciendis molestiae occaecati non minima eveniet qui voluptatibus accusamus in eum beatae sit vel qui neque voluptates ut commodi qui	arancio viac ancia mini di motestar qu