

ZainCash product development test

1- Coding :

Problem

You are presented with the task of organizing the Companies files. Each employee has a number of files and you Must gather the files belonging to each employee in one array.

Input

you will receive an array containing objects, each object has the file name and the employee that it belongs to. Example below :

```
[{"letter.txt": "Richard"}, {"paper.pdf": "jack"}, {"test.py": "Johnny"}, {"numbers.docx": "jack"}]
```

Output

You must output each employee's and their files grouped.

Example output for the above input :

```
[{"jack": ["paper.pdf", "numbers.docx"]}, {"Richard": ["letter.txt"]}, {"Johnny": ["test.py"]}]
```

Conditions

You must build the code following the MVC pattern, Using a framework is preferred. A control must receive the input in JSON format and output the result also Formatted in JSON.

You can program the solution using php (Laravel), javascript(Node js) or python(Django).

Bonus points

- 1- Bonus points will be awarded to clean, efficient and commented code.
- 2- building UI for the input, The input must be a text file.

Requirements

- 1- The solution must be uploaded to git publicly and a link must be sent.
- 2- A postman collection of the API call.

2- Database.

Please provide a query to fulfil the below :

You have the below dataset

id	First name	Last name	city	salary
1	Henry	Cahil	Baghdad	2500
2	Jimmy	clive	Najaf	1200
3	James	cage	Najaf	3300
4	Adam	jones	Baghdad	12000
5	Sally	Johnson	Babil	500
6	Monica	Selles	Kut	1230

We need to have the dataset above to be grouped by the city. With the names of each employee for each city and total sum of salaries. On a single row. The output for the above dataset should be as in the below:

full_name	city	total_salary
Sally Johnson	Babil	500
Henry Cahil,Adam jones	Baghdad	14500
Monica Selles	Kut	1230
Jimmy clive,James cage	Najaf	4500