

## Cooking data with PHP!



Figure 1: Cooking time

### Dictionary

First download a dictionary of the French language and then load it in your code:

```
$string = file_get_contents("dictionnaire.txt", FILE_USE_INCLUDE_PATH);  
$dico = explode("\n", $string);
```

The result is an array containing all the words.

### Exercices

- How many words this dictionary contains?
- How many words have exactly 15 characters?
- How many words containing the letter 'w'?
- How many words end with the letter 'q'?

### List of movies

Download the top 100 movies viewed in the United States on the iTunes platform.

```
$string = file_get_contents("movies.json", FILE_USE_INCLUDE_PATH);  
$brut = json_decode($string, true);  
$top = $brut["feed"]["entry"]; # list of movies
```

## Exercices

- Display the top 10 movies in this form:

```
1 Mission: Impossible - Rogue Nation
2 ...
...
10 ...
```

- What is the ranking of the movie “Gravity”?
- What is the director of “The LEGO Movie”?
- How many movies were released before 2000?
- What is the most recent film? The oldest?
- What is the category most represented film?
- What is the most present director in the top100?
- How much would it cost to buy the top 10 on iTunes? or rent it?
- What is the month with the most cinema releases?
- What are the top 10 movies to see with a limited budget?