

Developer Task

Imagine we have a database table of category information as per the below. This shows categories in a hierarchical structure indicated by a `parent_id`. I.e. a category with a `parent_id` of 1 is a sub-category of Clothing, whereas a category with a `parent_id` of 5 is a sub-category of Men. Any category with a sub-category of 0 is a top level category.

id	parent_id	name
1	0	Clothing
2	0	Accessories
3	0	Watches
4	1	Women
5	1	Men
6	4	Tops
7	4	Trousers
8	5	T-Shirts

We would like you to create a function that produces a category breadcrumb. This function should use parameters for the required category id and the separator.

For example. If I supplied 8 as the category id and `'>'` as the separator I would expect the result to be:

Clothing > Men > T-shirts

If I supplied 5 as the category id and `'/'` as the separator I would expect the result to be:

Clothing / Men

For the purposes of this exercise assume you have a function called `getCategory($id)` available to supply you with an array of the category values when the category id is passed in.

For example: `getCategory(8)` would return

```
Array(  
    'id' => 8,  
    'parent_id' => 5,  
    'name' => 'T-Shirts'  
)
```