

```

$array_1 =
array
(
    array
    (
        'id' => '1',
        'tag' => 'div1',
        'parent' => '0'
    ),

    array
    (
        'id' => '2',
        'tag' => 'div2',
        'parent' => '1'
    ),
    array
    (
        'id' => '3',
        'tag' => 'div3',
        'parent' => '2'
    ),
    array
    (
        'id' => '4',
        'tag' => 'div4',
        'parent' => '2'
    ),
    array
    (
        'id' => '5',
        'tag' => 'div5',
        'parent' => '0'
    ),
    array
    (
        'id' => '6',
        'tag' => 'div6',
        'parent' => '5'
    ),
    array
    (
        'id' => '7',
        'tag' => 'div7',
        'parent' => '0'
    ),array
    (
        'id' => '8',
        'tag' => 'div7',
        'parent' => '6'
    ),array
    (
        'id' => '9',
        'tag' => 'div7',
        'parent' => '8'
    )
);

```

```

function buildTree(array $elements, $parentId = 0) {
    $branch = array();

    foreach ($elements as $element)
    {
        if ($element['parent'] == $parentId)
        {
            $children = buildTree($elements, $element['id']);

            if ($children)
            {
                $element['children'] = $children;
            }

            $branch[] = $element;
        }
    }

    return $branch;
}

```