# Thesaurus

A thesaurus contains words and synonyms for each word. Below is an example of a data structure that defines a thesaurus:

array("buy" => array("purchase"), "big" => array("great", "large"))

Implement the function getSynonyms, which accepts a word as a string and returns all synonyms for that word in JSON format, as in the example below.

For example, the call $thesaurus->getSynonyms("big") should return:

'{"word":"big","synonyms":["great", "large"]}'

while a call with a word that doesn't have synonyms, like $thesaurus->getSynonyms("agelast") should return:

'{"word":"agelast","synonyms":[]}'

**Code:**

<?php

class Thesaurus

{

private $thesaurus;

function Thesaurus($thesaurus)

{

$this->thesaurus = $thesaurus;

}

public function getSynonyms($word)

{

}

}

$thesaurus = new Thesaurus(

array

(

"buy" => array("purchase"),

"big" => array("great", "large")

));

echo $thesaurus->getSynonyms("big");

echo "\n";

echo $thesaurus->getSynonyms("agelast");