College of Engineering, Construction & Living Sciences
Bachelor of Information Technology
IN607: Introductory Application Development Concepts
Level 6, Credits 15
In-Class Activity: PHP Basics 1 Extension Answers

Problem 1:

```php
<?php
    function find_breed($breeds) {
        $search = array_search("Afghan Hound", $breeds);
        return $search !== false ? $search : -1 ;
    }

    echo find_breed(["Beagle", "Dalmatian", "Afghan Hound"]);
    echo find_breed(["Dalmatian", "Beagle", "Golden Retriever"]);
?>
```

Problem 2:

```php
<?php
    function remove_vowels($word) {
        return preg_replace('/[aeiou]/i', '', $word);
    }

    echo remove_vowels("Hello, World!");
?>
```

Problem 3:

```php
<?php
    function missing_num($nums) {
        return 55 - array_sum($nums);
    }

    echo missing_num([10, 3, 4, 8, 1, 7, 6, 9, 2]);
?>
```

Problem 4:

```php
<?php
    function file_extensions($files) {
        $extensions = [];
        foreach($files as $file){
            array_push($extensions, explode(".", $file)[1]);
        }
        return $extensions;
    }

    print_r(file_extensions(["index.html", "index.js"]));
?>
```