

PHP Question 1.2

Consider that the Exam class will be successfully loaded by the autoloader.
Given the described class definition, what is the output of index.php?

Exam.php

```
1  <?php
2
3  class Exam
4  {
5      static $defaultText = 'unknown';
6      protected $score;
7      public $place = 'office';
8      private $attributes = array();
9
10
11     function setAttributes(array $attributes) {
12         $this->attributes = (array)$attributes;
13     }
14
15     function __get($name) {
16         if (array_key_exists($name, $this->attributes)) {
17             return $this->attributes[$name];
18         }
19         else {
20             return static::$defaultText;
21         }
22     }
23 }
```

index.php

```
1  <?php
2
3  $attributes = ['time' => now(), 'place' => 'Sonny's', 'timeLimit' => null];
4
5  $exam = new Exam();
6  $exam->setAttributes($attributes);
7
8  $exam->score = ;
9
10 echo $exam->time . "\n";
11 echo $exam->place . '\n';
12 echo $exam->timeLimit . "\n";
13 echo $exam->candidate;
```

PHP Answer 1.2

(Provide your answer below. Use as much space as necessary.)

First of all the syntax error: `$exam->score = ;`

The second thing is the `$score` property cannot be accessed in `index.php` because it's protected. The way we could access it is using a get method like `getAttributes()`

So I would do the following changes:

```
require_once 'Exam.php';
```

```
$attributes = ['time' => date(time()), 'place' => 'Sonny\'s', 'timeLimit'
=> null];
```

```
$exam = new Exam();
$exam->setAttributes($attributes);
```

```
$exam->score = 5; // should be accessed via a getter method declared in Exam.php
```

```
echo $exam->time . "\n";
echo $exam->place . "\n";
echo $exam->timeLimit . "\n";
echo $exam->candidate . "\n";
```