include() and require() compile code that comes from a file. eval() compiles and executes code that comes from a string. When using eval(), you must take great care to use quoting correctly. Given the partial code below and the output, which $template will produce exactly the output shown below? Choose carefully as the slight differences in quoting make all the difference.

```php
function cycle() {
    static $color = "Casual";
    $color == "Formal" ? $color="Casual": $color="Formal";
    return $color;
}

$class = 'Senior'; $rank = 'Starship Commander';
$names = array('James T.' => 'Kirk','Sharon' => 'Stone','Lindsay'=>'Lohan');
$count = count($names);

$template = ????????????????? Chose the correct template.

for($i=0;$i<$count;$i++) {
    list($first_name,$last_name) = each($names);
    eval($template);
}
```

OUTPUT

```
Uniform:        Formal
Class:          Senior
Rank:           Starship Commander
First name:     James T.
Last name:      Kirk

Uniform:        Casual
Class:          Senior
Rank:           Starship Commander
First name:     Sharon
Last name:      Stone

Uniform:        Formal
Class:          Senior
Rank:           Starship Commander
First name:     Lindsay
Last name:      Lohan
```

Choose one answer.

- a. $template = '"Uniform: \\t".cycle()."\\nClass: \\t\\t$class\\nRank: \\t\\t$rank\\nFirst name: \\t$first_name\\nLast name: \\t$last_name\\n\\n";';

- b. $template = '$template = "Uniform: \\t".cycle()."\\nClass: \\t\\t$class\\nRank: \\t\\t$rank\\nFirst name: \\t$first_name\\nLast name: \\t$last_name\\n\\n";';

- c. $template = 'print "Uniform: \t".cycle()."\nClass: \t\t$class\nRank: \t\t$rank\nFirst name: \t$first_name\nLast name: \t$last_name\n\n";';

- d. $template = 'eval("Uniform: ".cycle()."\\nClass: $class\\nRank: $rank\\nFirst name: $first_name\\nLast name: $last_name\\n\\n";)';

- e. None of the above

include() and require() compile code that comes from a file. eval() compiles and executes code that comes from a string. When using eval(), you must take great care to use quoting correctly. Given the partial code below and the output, which $template will produce exactly the output shown below? Choose carefully as the slight differences in quoting make all the difference.

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$names = array('James T.' => 'Kirk','Sharon' => 'Stone','Lindsay'=>'Lohan');
$count = count($names);

$template = ??????????????? Chose the correct template.

for($i=0;$i<$count;$i++) {
    list($first_name,$last_name) = each($names);
    eval($template);
}


OUTPUT

Uniform:        Formal
Class:          Senior
Rank:           Starship Commander
First name:     James T.
Last name:      Kirk

Uniform:        Casual
Class:          Senior
Rank:           Starship Commander
First name:     Sharon
Last name:      Stone

Uniform:        Formal
Class:          Senior
Rank:           Starship Commander
First name:     Lindsay
Last name:      Lohan
```

Choose one answer.

○ a. $template = "'Uniform: \\t".cycle()."\\nClass: \\t\\t$class\\nRank: \\t\\t$rank\\nFirst name: \\t$first_name\\nLast name: \\t$last_name\\n\\n";';

○ b. $template = '$template = "Uniform: \\t".cycle()."\\nClass: \\t\\t$class\\nRank: \\t\\t$rank\\nFirst name: \\t$first_name\\nLast name: \\t$last_name\\n\\n";';

○ c. $template = 'print "Uniform: \t".cycle()."\nClass: \t\t$class\nRank: \t\t$rank\nFirst name: \t$first_name\nLast name: \t$last_name\n\n";';

○ e. $template = 'eval("Uniform: ".cycle()."\\nClass: $class\\nRank: $rank\\nFirst name: $first_name\\nLast name: $last_name\\n\\n";)';

Grade

This page indicates your score on this quiz. Green indicates the correct answer. Light red indicates an incorrect answer by you.

If you want to save a copy of this page, you can save a copy using the browser File menu. Your grade will sent to your CCSF email address.

```
Hello, htruong3,

Your grade for Quiz 1 was 6/8 (75.00%)
Date: Thu, 25 Feb 2010 15:14:01 -0800

Question 1 Correct (1 pt.)    The correct answer is "D".

Question 2 Correct (1 pt.)    The correct answer is "D".

Question 3 Correct (1 pt.)    The correct answer is "D".

Question 4 Incorrect (0 pt.). Your answer was "E". The correct answer is "C".

Question 5 Correct (1 pt.)    The correct answer is "E".

Question 6 Correct (1 pt.)    The correct answer is "E".

Question 7 Correct (1 pt.)    The correct answer is "D".

Question 8 Incorrect (0 pt.). Your answer was "D". The correct answer is "E".

Points: 6 of 8
Percentage: 75.00%
```

Quiz 1

1

We have spoken frequently of *variable variables*, and their uses. *PHP 5 Power Programming* uses the term *indirect references* (2.4.1) instead of variable variables. The code below uses variable variables to generate a result. What will be the output of the code snippet below?

```
function cycle() {
        static $color = 'light';
        $color == 'dark' ? $color = 'light' : $color = 'dark';
        return $color;
}

cycle();cycle();

print '<td class="'.cycle().'-row"><td><br /></td></tr>';
```

Choose one answer.

- a. <td class="dark-light-dark-row"><td>
</td></tr>
- b. <td class="dark-dark-dark-row"><td>
</td></tr>
- c. <td class="light-dark-light-row"><td>
</td></tr>
- d. <td class="dark-row"><td>
</td></tr>
- e. <td class="light-row"><td>
</td></tr>