Submission from 1/07/2016 5:36 PM

CSE 160 16wi - Fri 01/08 - RQ-03

<table>
<thead>
<tr>
<th>Total points: 6/6</th>
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<tr>
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For each of the expressions below, tell whether it evaluates to True or False.

* The value of `temp` is 32
* The value of `str` is "Python"

<table>
<thead>
<tr>
<th>Expression</th>
<th>True</th>
<th>False</th>
</tr>
</thead>
<tbody>
<tr>
<td><code>str == 'python'</code></td>
<td>☐</td>
<td>☐</td>
</tr>
<tr>
<td><code>temp == 32</code></td>
<td>☐</td>
<td>☐</td>
</tr>
<tr>
<td><code>temp &gt;= 32 and temp &lt; 212</code></td>
<td>☐</td>
<td>☐</td>
</tr>
<tr>
<td><code>str == 'python' or str == 'Python'</code></td>
<td>☐</td>
<td>☐</td>
</tr>
<tr>
<td>True or True</td>
<td>☐</td>
<td>☐</td>
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</tbody>
</table>

**Correct**

**Question:**
str == 'python'

**Answer:**
False

**Question:**
temp == 32

**Answer:**
True

**Question:**
temp >= 32 and temp < 212

**Answer:**
True

**Question:**
str == 'python' or str == 'Python'

**Answer:**
True
True or True

**Answer:**
True

1/1

If $x$ is an integer, and $x \% 2$ evaluates to 0, what can you conclude about $x$?

- ✗ $x$ is even.
- ☑ I don't know.
- ☒ $x$ is odd.
- ☐ Nothing.

**Correct**

**Answer:**
$x$ is even.

1/1

For the if statement below, identify which statement(s) execute. Select all that apply. The value of $x$ is 12.

```python
if x < 0:
    CLAUSE_1_STATEMENTS
elif x > 0:
    CLAUSE_2_STATEMENTS
elif x == 12:
    CLAUSE_3_STATEMENTS
else:
    CLAUSE_4_STATEMENTS
```

- ☑ CLAUSE_2_STATEMENTS
- ☒ CLAUSE_3_STATEMENTS
- ☐ CLAUSE_1_STATEMENTS
- ☐ CLAUSE_4_STATEMENTS

**Correct**

**Answer:**
CLAUSE_2_STATEMENTS

1/1

Which of the following is true about any if statement (that may include several clauses, including elif and else clauses)? Check all that apply.

- ☒ You execute the code in at most one clause.
- ☐ You evaluate the if statement's conditions one at a time, from bottom to top.
You execute the code in every clause whose condition is True.

☐ You always execute the code in exactly one clause.
☒ You evaluate the if statement's conditions one at a time, from top to bottom.

Correct

Answer:
You execute the code in at most one clause., You evaluate the if statement's conditions one at a time, from top to bottom.

2/2


Write the expansion below.

Your answer should have one statement per line. The only statements you should include in your answer are assignments to word (the loop variable) and STATEMENTS_1 and STATEMENTS_2 (stand-ins for blocks of statements).

```
for word in ['program', 'thoughtfully']:
    if word == 'program':
        STATEMENTS_1
    else:
        STATEMENTS_2

word = 'program'
STATEMENTS_1
word = 'thoughtfully'
STATEMENTS_2
```

Correct

Answer:

Feedback:

```
word = 'program'
STATEMENTS_1
word = 'thoughtfully'
STATEMENTS_2
```

Questions or Comments?

https://catalyst.uw.edu/webq/survey/rea2000/290152
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