08_In-Class_Python_Basics_Boolean_Operations

26032020-v.1.PythonBooleanOperations
Training Clarusway
Pear Deck - March 26, 2020 at 5:17PM

Part 1 - Summary

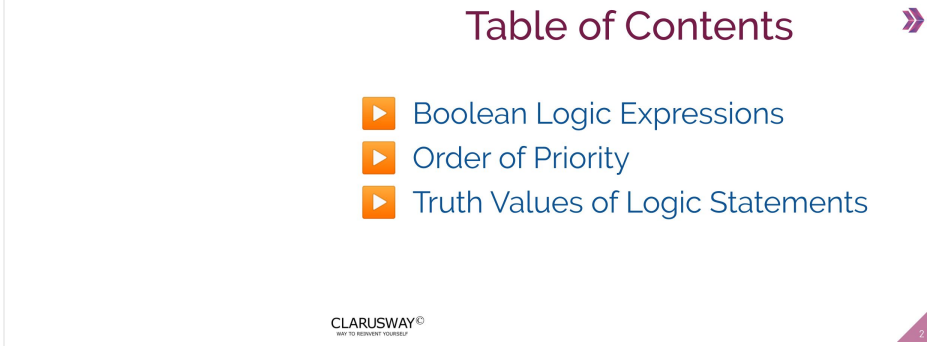
Use this space to summarize your thoughts on the lesson

Part 2 - Responses

Slide 1

Use this space to take notes:

Slide 2



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Slide 3

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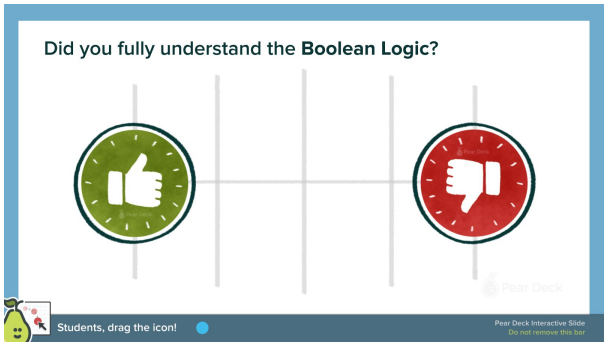
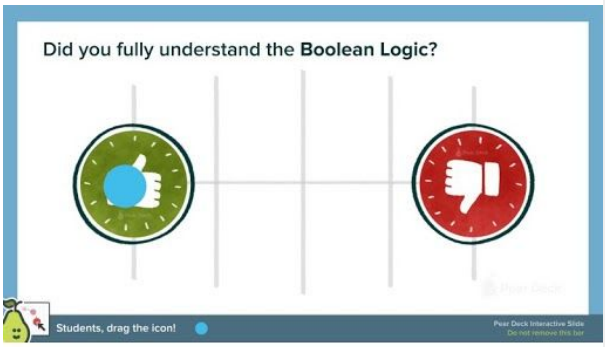
Slide 4	Your Response





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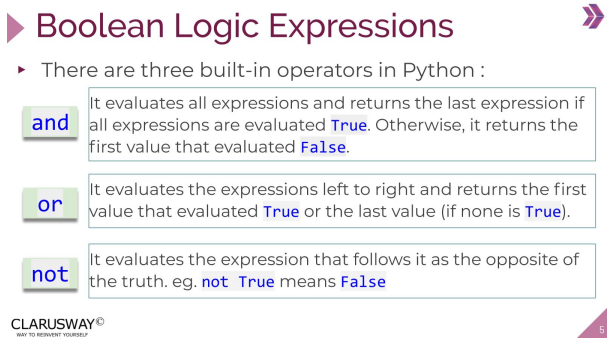

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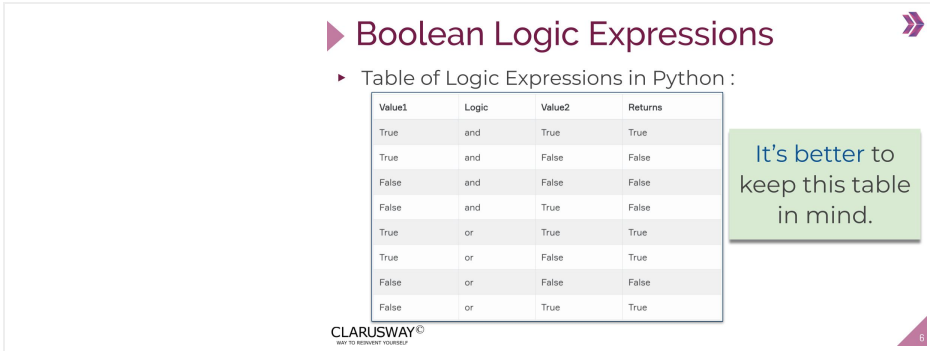

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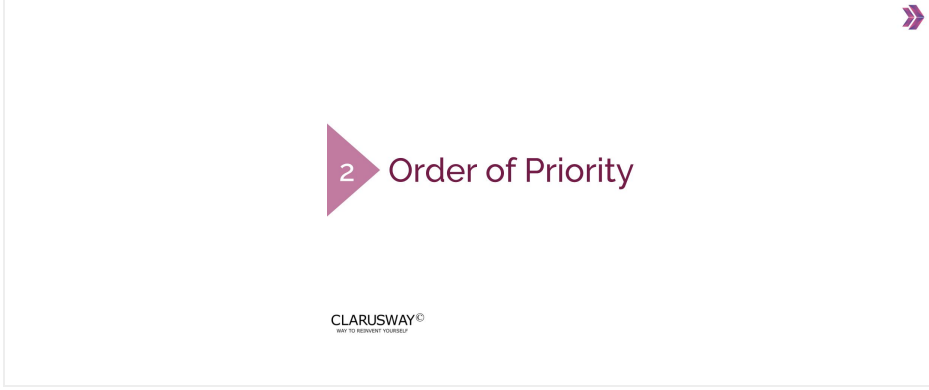

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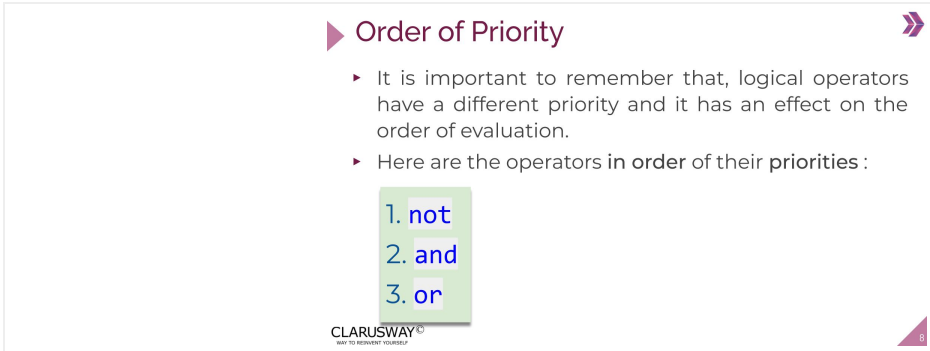

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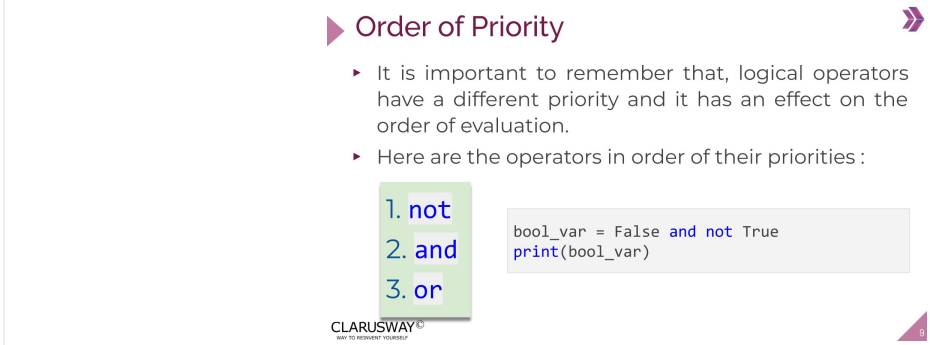

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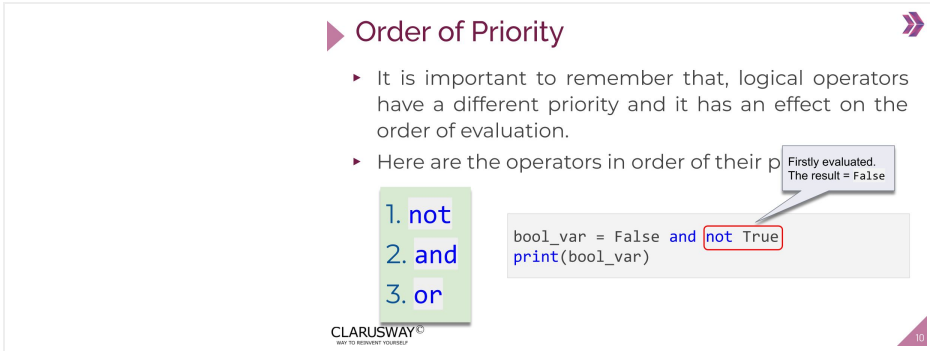

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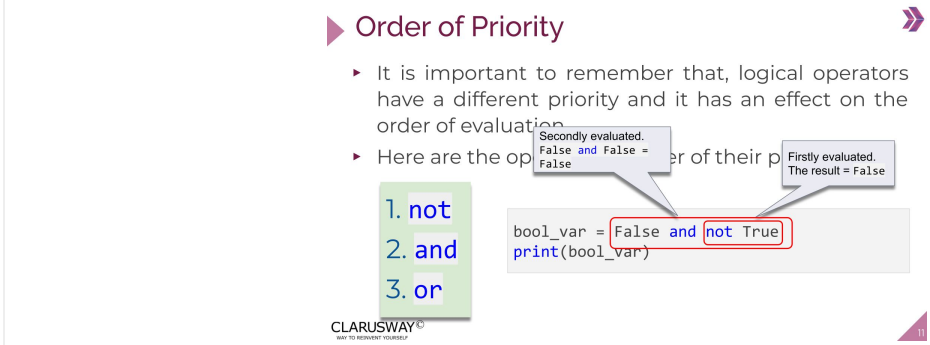

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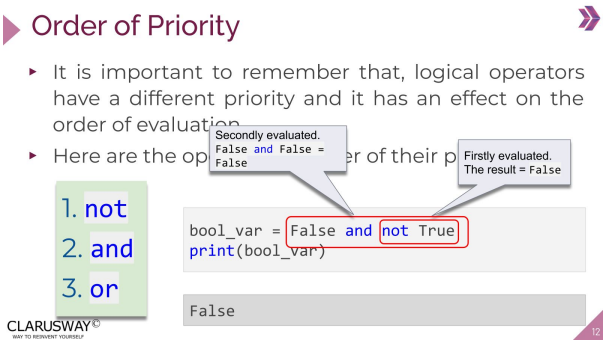

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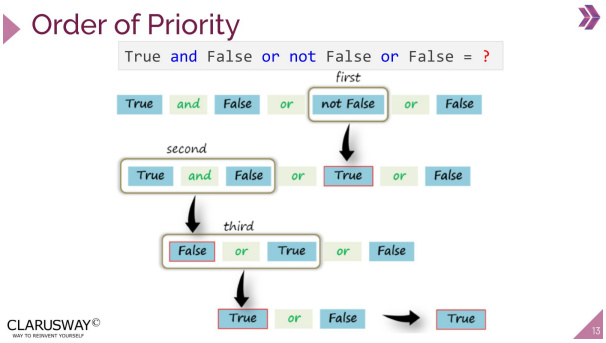

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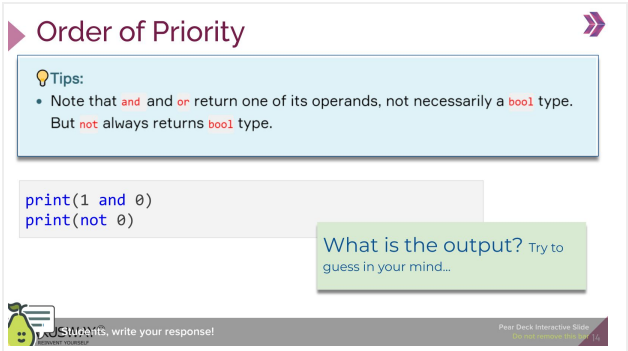
Slide 14	Your Response



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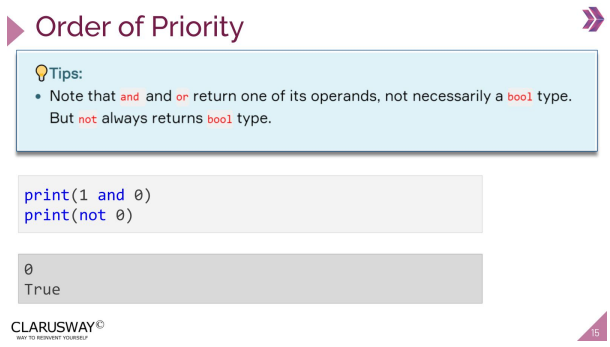

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Slide 16

Boolean Logic Operators

- **Task** : Estimating the risk of death from coronavirus.
- Consider the following questions in terms of `True`/`False` regarding someone else.
  - Are you over 75 years old? Variable "**age**"
  - Do you have a severe chronic disease? Variable "**chronic**"
  - Is your immune system too weak? Variable "**immune**"
- Set an logical algorithm using boolean logic operators (**`and`**/**`or`**) and the given variables in order to give us `True` (is in **`risk`** category) or `False` (is not in **`risk`** category) as a result.

```
age = # can be assigned only True/False
chronic = # can be assigned only True/False
immune = # can be assigned only True/False
risk = ? # output will be True/False
```

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Boolean Logic Operators

- **Task** : Estimating the risk of death from coronavirus.

```
#age = True/False
#chronic = True/False
#immune = True/False
risk = age or chronic or immune
print(risk)
```

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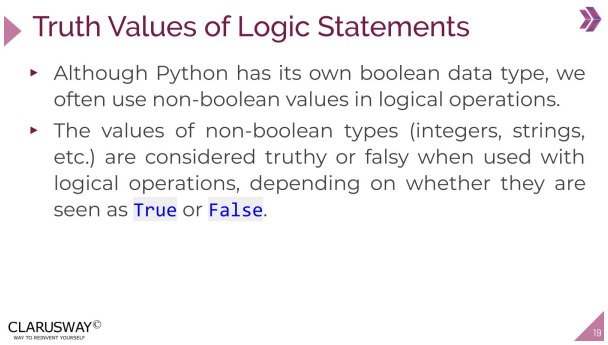

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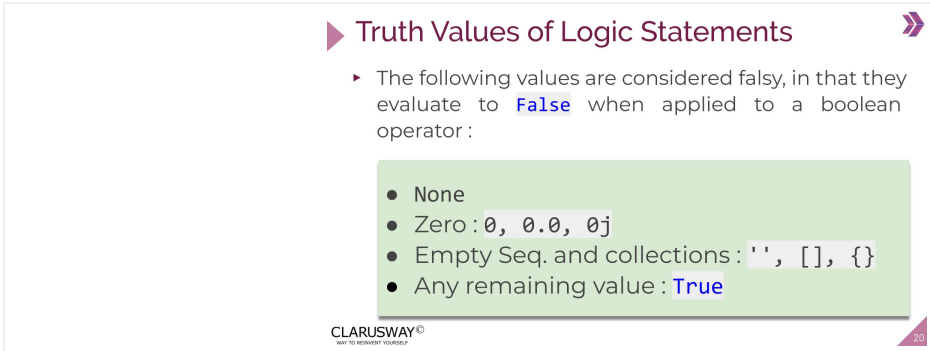

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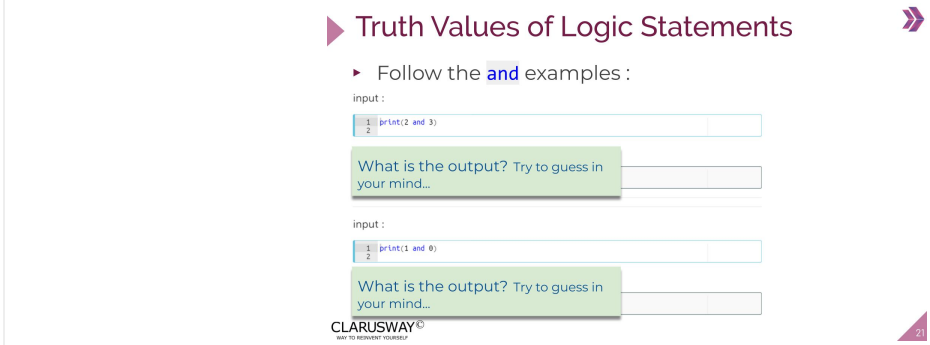

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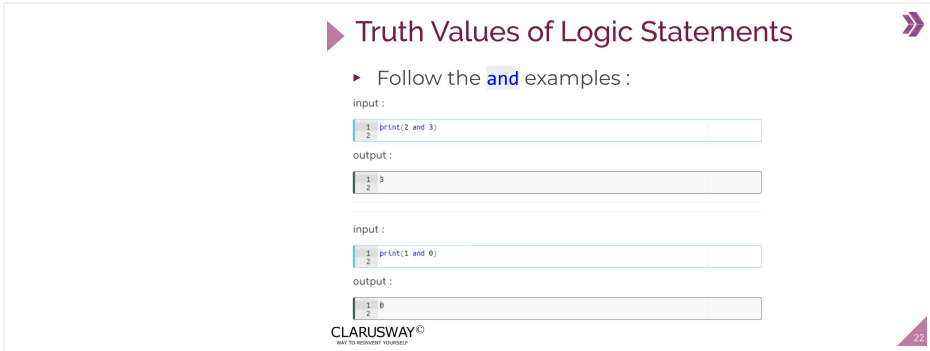

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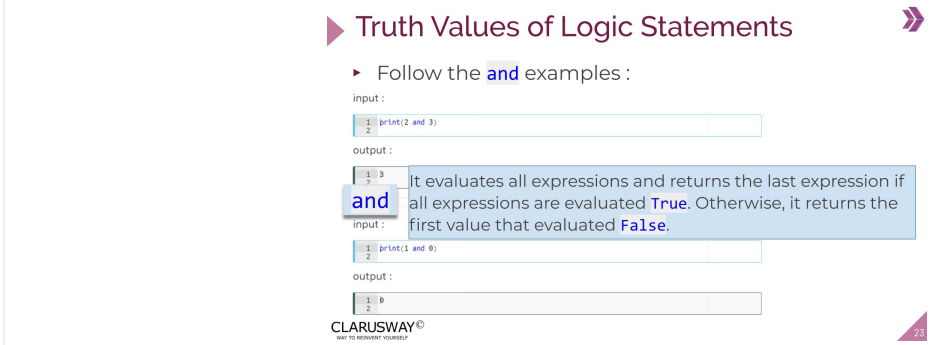

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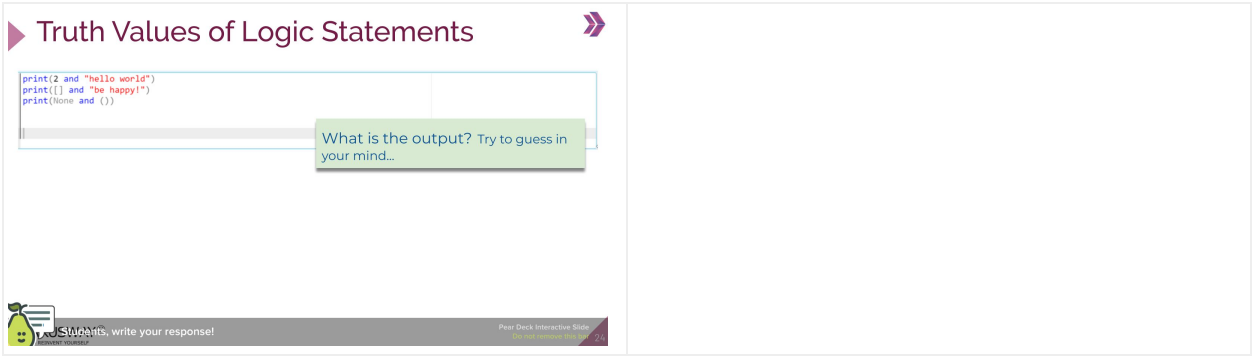
Slide 24	Your Response
	Answer 1: 2 False False



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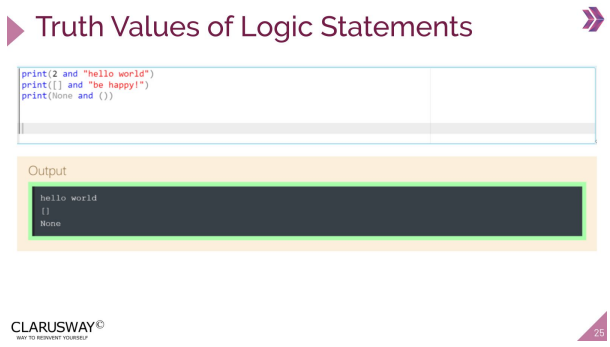

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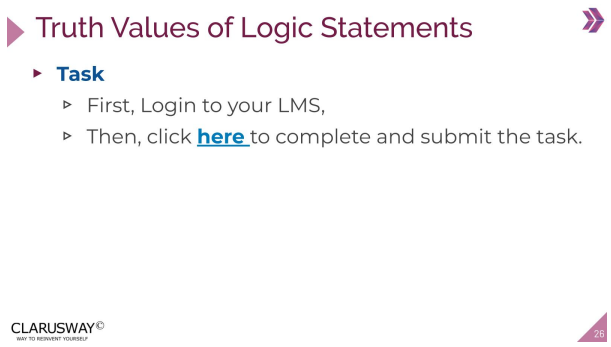

Link(s) on this slide:

- https://lms.clarusway.com/mod/lesson/view.php?id=2041

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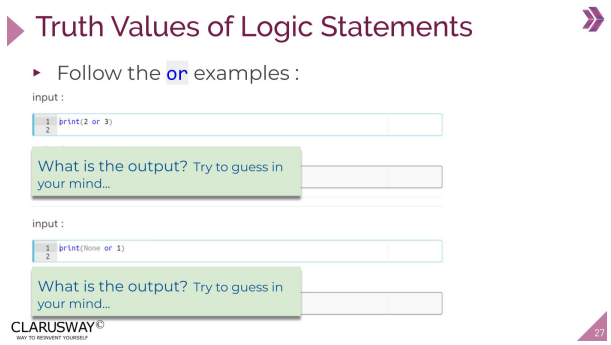

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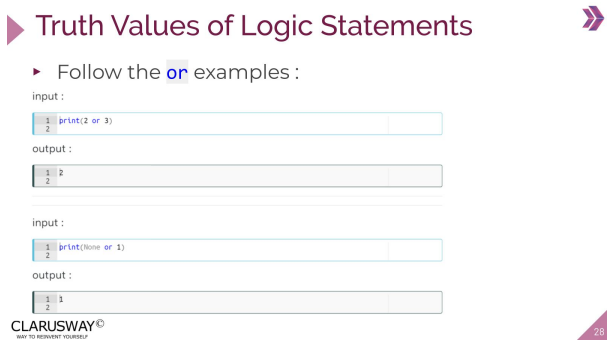

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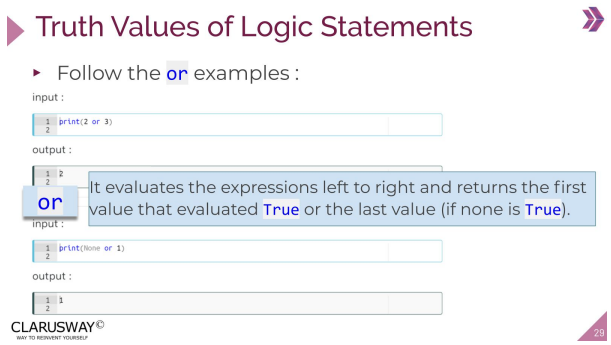

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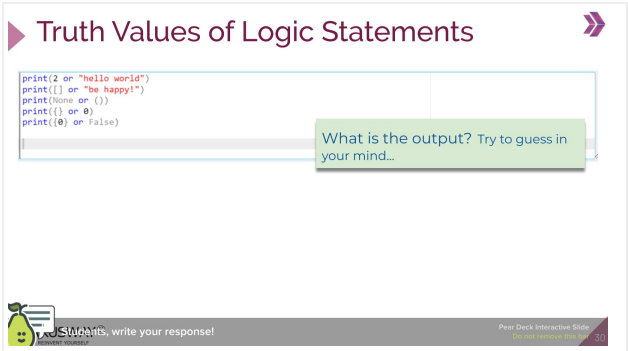
Slide 30	Your Response



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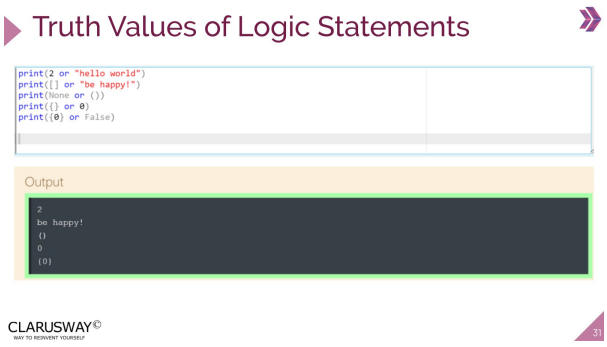

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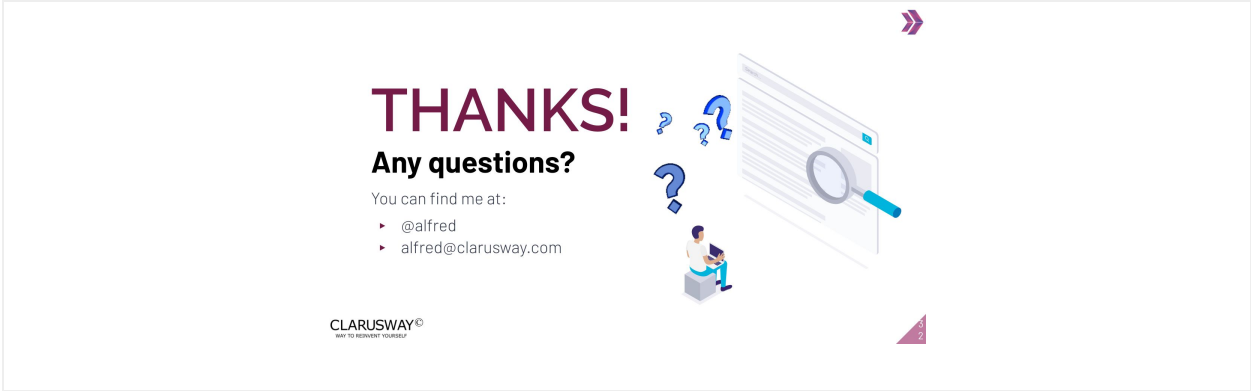

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