STORYBOARD Short-Circuit Evaluation

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1

|  |  |  |
| --- | --- | --- |
| or | True | False |
| True | True | True |
| False | True | False |

|  |  |  |
| --- | --- | --- |
| and | True | False |
| True | True | False |
| False | False | False |

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2

“Truthy” values “Falsey” values

“112” “ “

5 None

[1] [ ]

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3

print(5 or 42) print(5 and 42) print(“” and True)

print(5) print(42) print(“”)

5 42 “”

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4

Assessment: Now it’s your turn!

def foo(x): def bar(y):

return (42 and False) return None or 42 or [ ]

print(foo(“hello”) or 112) print(((bar(1)+1) and None) or 1)

What does this print? What does this print?