

INSTRUCTION: For each Boolean statement below, figure out whether it would return True or False. Complete this exercise offline before running through the answers via the associated Jupyter notebook.

1. True and True
2. False and True
3. 1 == 1 and 2 == 1
4. "test" == "test"
5. 1 == 1 or 2 != 1
6. True and 1 == 1
7. False and 0 != 0
8. True or 1 == 1
9. "test" == "testing"
10. 1 != 0 and 2 == 1
11. "test" != "testing"
12. "test" == 1
13. not (True and False)
14. not (1 == 1 and 0 != 1)

15. `not (10 == 1 or 1000 == 1000)`

16. `not (1 != 10 or 3 == 4)`

17. `not ("testing" == "testing" and "Zed" == "Cool Guy")`

18. `1 == 1 and not ("testing" == 1 or 1 == 0)`

19. `"chunky" == "bacon" and not (3 == 4 or 3 == 3)`

20. `3 == 3 and not ("testing" == "testing" or "Python" == "Fun")`