Exercise 28

Boolean Practice

Logic Problem Result I Predict Actual Result

1. True and True True **True**

2. False and True False **False**

3. 1 == 1 and 2 == 1 False **False**

4. “test” == “test” True **True**

5. 1 == 1 or 2 != 1 True **True**

6. True and 1 == 1 True **True**

7. False and 0 != 0 True **False**

8. True or 1 == 1 True **True**

9. “test” == “testing” False **False**

10. 1 != 0 and 2 ==1 False **False**

11. “test” != “testing” True **True**

12. “test” == 1 False **False**

13. not (True and False) True **True**

14. not (1 == 1 and 0 != 1) False **False**

15. not (10 == 1 or 1000 == 1000) False **False**

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

17. not (“testing” == “testing” and “Zed” == “Cool Guy”): True **True**

18. 1 == 1 and not (“testing” == 1 or 1 == 0): True **True**

19. “chunky” == “bacon” and not (3 == 4 or 3 == 3): True **False**

20. 3 == 3 and not (“testing” == “testing” or “Python” == “Fun”): False – **False**

**Important Learning** from the two mistakes: (False AND False) is **False**.