

```
# 1. True and True
True
# 2. True and False
False
# 3. True or False
#True
# 4. 'apples' == 'apple'
False
# 5. 'python' < 'programming'
False
# 6. True and False or False
False
# 7. not True and False or False
True
# 8. True and False or not False
False
# 9. True and False or True
True
# 10. (not True or False) and (not False or True)
False
# 11. not True or False and not False or True
False
# 12. (not True or False) and not False or True
False
# 13. not True or False and (not False or True)
False
# 14. 1 == 1 or 2 != 1
True
# 15. 1 != 0 and 2 == 1
False
# 16. 'apples' > 'apple' or 4 != 10
True
# 17. not (False and True)
True
# 18. not (False or True)
False
# 19. not (5 != 15 or 5 == 15)
False
# 20. not (6 != 16 and 6 == 16)
True
# 21. (not ('programming' == 1 or 1 == 0)) and 0 == 0
True
# 22. (not ('programming' != 1 or 1 == 0)) and 0 == 0
False
# 23. (not ('programming' != 1 or 1 != 0)) or 0 != 0
False
# 24. ('programming' == 1 or 1 == 0) or 0 != 0
False
```