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File Edit Selection View Go Run Terminal Help assignment1.py - Untitled (Workspace) - Visual Studio Code
PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL JUPYTER
..\debugpy\launcher '53869' '--' 'c:\Users\chase\OneDrive\Desktop\ChaseBurkdoll_Assignment1\assignment1.py'
1. De Morgan's First Law
p q !p !q p*q !p*q !p + !q
True True False False True False False
True False False True True False True
False True True False False True True
False False True True False True True

2. De Morgan's Second Law
p q !p !q p+q !p+q !p * !q
True True False False True False False
True False False True True False False
False True True False True False False
False False True True False True True

3. First Associative Law
p q r p * q q * r (p * q) * r p * (q * r)
True True True True True True True
True True False True False False False
True False True False False False False
True False False False False False False
False True True False True False False
False True False False False False False
False False True False False False False
False False False False False False False

4. Second Associative Law
p q r p + q q + r (p + q) + r p + (q + r)
True True True True True True True
True True False True True True True
True False True True True True True
True False False True False True True
False True True True True True True
False True False True True True True
False False True False True True True
False False False False True True True

Ln 16, Col 57 Spaces: 4 UTF-8 CRLF Python 3.9.13 64-bit (windows store) Go Live 12:20 PM 8/31/2022
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PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL JUPYTER
True False True False False False False
True False False False False False False
False True True False True False False
False True False False False False False
False False True False False False False
False False False False False False False

4. Second Associative Law
p q r p + q q + r (p + q) + r p + (q + r)
True True True True True True True
True True False True True True True
True False True True True True True
True False False True False True True
False True True True True True True
False True False True True True True
False False True False True True True
False False False False False False False

5. [(p ∨ q) ∧ (p → r) ∧ (q → r)] → r ≡ T
p q r p + q p → r q → r (p + q) * (p → r) * (q → r) [(p + q) * (p → r) * (q → r)] → r
True True True True True True True
True True False True False False False
True False True True True True True
True False False True False False False
False True True True True True True
False True False True True False False
False False True False True True True
False False False True True False False

6. p ↔ q ≡ (p → q) ∧ (q → p)
p q p → q q → p (p → q) * (q → p) p <=> q
True True True True True True True
True False False True False False False
False True True False False False False
False False True True True True True

PS C:\Users\chase\OneDrive\Documents\Front End\htmlcss>

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