**CSC500 Mod 3 Critical Thinking**

CSC500 – Principles of Programming

Module 3 Critical Thinking

8/31/2025

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**PART 1 PSEUDOCODE**

BEGIN

Prompt user for food name

Prompt user for food price

Prompt user for food quantity

Prompt user for second food name

Prompt user for second food price

Prompt user for second food quantity

Prompt user for drink name

Prompt user for drink price

Prompt user for food quantity

Cost per food item: Multiply each food price by quantity

Subtotal: sum cost of each food item

Gratuity: multiply subtotal by 0.18 (18%)

Tax: multiply subtotal by 0.07 (7%)

Total Cost = Subtotal + gratuity + tax

Print food item names, quantities, individual costs, subtotal, gratuity, tax, and total under ‘RECEIPT’

END

**PART 1 SOURCE CODE**

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**PART 2 PSEUDOCODE**

BEGIN

Prompt user for current time

Prompt user for hours to wait

SET final time = (current time + hours to wait) mod 24

PRINT final time

END

**SOURCE CODE**

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