**Module 3: Critical Thinking Assignment**

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CSC500: Principles of Programming

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**Part One**

Function to determine sales tax that takes a billAmount parameter and returns that value multiplied by 7%

Function to determine tip amount that takes a billAmount parameter and returns that value multiplied by 18%

Function to calculate the total bill by adding the billAmount to the outputs of the sales tax function and the tip amount function

Prompt user to enter a bill amount and print the output of the total bill function.

If user enters invalid value then notify the user.

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Description automatically generated

https://github.com/coryh753/CSC500-cta3/blob/main/cta3-part1.py

**Part Two**

Prompt user to enter a float time value and save that as timeInput variable

Prompt user to enter a float value for the number of hours they want to pass before the alarm goes off

If user enters invalid input in either variable notify user

Once user has entered acceptable values then return the remainder of the sum of the two variables divided by 24.

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https://github.com/coryh753/CSC500-cta3/blob/main/cta3-part2.py