

**COP-2800: Java Programming**

**Assignment 2-6**

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# Document Version Control

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| Version | Date | Author | Rationale |
| 0.1 | 2022 JAN 9 | Francis Fiskey | First Draft |

# Technical Specifications

## Purpose of Technical Implementation

The purpose of this implementation is write a program that reads the subtotal and the gratuity rate, then computes the gratuity and

## Psuedocode

Calculate Total based on gratuity and subtotal

*Program start*

*Created a variable named total*

*Created a variable named subtotal*

*Created a variable named gratuity*

*Prompt user for input subtotal of bill*

*Save user input to subtotal*

*Prompt user for gratuity rate*

*Save Input to gratuity*

*Convert gratuity percentage to a decimal*

*Created a variable gratuity amount*

*Saved the result of the subtotal multiplied by gratuity rate to gratuity amount*

*Display gratuity amount to user*

*Calculate total of bill with gratuity amount added*

*Display total amount to user*

*Program end*

## Screenshot of working code

Text

Description automatically generated