

**COP-2800: Java Programming**

**Assignment 3.6**

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# Document Version Control

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# Technical Specifications

## Purpose of Technical Implementation

\*3.6 (Health application: BMI) Revise Listing 3.4, ComputeAndInterpretBMI.java, to let the user enter weight, feet, and inches.

For example, if a person is 5 feet and 10 inches, you will enter 5 for feet and 10 for inches.

## Psuedocode

START

Try

Ask for user input for weight in pounds

Ask for user input for height in feet

Ask for user input for height in inches

Calculate total height in inches

Transform pounds to kilograms

Transform inches to meters

Calculate BMI

Print BMI

If BMI is less than 18.5 print Underweight

Else if BMI is less than 25 print Normal

Else if BMI is less than 30 print Overweight

Else print Obese

Catch

Print the error

END

## Screenshot of working code

https://github.com/rsaavedravaldivia/java2024/tree/80368dcfd6c10072423dda613233955edde5776d/java2024/Module3

A screenshot of a computer program

Description automatically generated