

Assignment 2

Problem1: Calculate the water Average You should drink per Day:

Determine you are working for a software company specializing in medical Apps and you asked to make a method for Calculating the Water that a person should drink varies on their weight in a day.



✚ Given that:

- $\text{Water(in ounces)} = \text{Weight(in pounds)} \times \frac{2}{3}$
- $\text{Liters} = \text{ounces} * 0.0295735$
- $\text{Pounds} = \text{kg} * 2.2046226218$

Problem2: Calculate the BMI of a Person using his weight and height:

There is a program online you can use to calculate the BMI and determine if you are overweight or normal weight.

https://www.nhlbi.nih.gov/health/educational/lose_wt/BMI/bmicalc.htm

Try to Simulate that program using C++.

The Formula of BMI is:

BODY MASS INDEX FORMULA (Metric)

$$\text{BMI} = \frac{\text{Weight (kgs)}}{[\text{Height (m)}]^2}$$



Problem2: Calculate the Lowest Price for The drivers of InDriver:

If you select a place to go with InDriver and it gives you that there are three drivers accepting your request build a program that checks who is the lowest and prints its value.

The program takes how many drivers accept your request, iterates over them, and select the lowest one.

