

Conditionals

A BOGO (Buy-One, Get-One) sale is a promotion in which a person buys two items and receives a 50% discount on the less expensive one. Write a program that prompts the user for the cost of two items, computes a 50% discount on the less expensive one, and then computes a grand total

Body Mass Index (BMI) is a healthy statistic based on a person's mass and height. For a healthy adult male BMI is calculated as **$\text{BMI} = (m / h^2) \cdot 703.069579$**

where m is the person's mass (in lbs) and h is the person's height (in whole inches).

Write a program that reads in a person's mass and height as input and outputs a characterization of the person's health with respect to the categories below.

Range	Category
$\text{BMI} < 15$	Severely underweight
$15 \leq \text{BMI} < 16$	Underweight
$16 \leq \text{BMI} < 18.5$	Normal
$18.5 \leq \text{BMI} < 25$	Overweight
$25 \leq \text{BMI} < 30$	Obese Class I
$30 \leq \text{BMI} < 35$	Obese Class II
$35 \leq \text{BMI} < 40$	Obese Class III
$\text{BMI} \geq 40$	Very severely underweight