**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 **BMI = (m / h2) ·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

BMI < 15 Severely underweight

15 ≤ BMI < 16 Underweight

16 ≤ BMI < 18.5 Normal

18.5 ≤ BMI < 25 Overweight

25 ≤ BMI < 30 Obese Class I

30 ≤ BMI < 35 Obese Class II

35 ≤ BMI < 40 Obese Class III

BMI ≥ 40 Very severely underweight