



Variables and User Input: Exercises

Q1) Write a program that takes two numbers from the user, and outputs their sum.

Input	Output
3 9	Enter a number: 3 Enter another number: 9 12.0
-3 9	Enter a number: -3 Enter another number: 9 6.0
3.0 -9	Enter a number: 3.0 Enter another number: -9 -6.0

Q2) Write a program that takes two numbers from the user, and outputs the equation representing the multiplication of the two numbers.

Input	Output
3 9	Enter a number: 3 Enter another number: 9 3.0 * 9.0 = 27.0
-3 9	Enter a number: -3 Enter another number: 9 -3.0 * 9.0 = -27.0
3.0 -9	Enter a number: 3.0 Enter another number: -9 3.0 * -9.0 = -27.0

Q3) Write a program that takes a distance in kilometers from the user, and output the distance in meters and centimeters.

Input	Output
10	How many kilometres? 10 10km = 10000m 10km = 1000000cm
5.4	How many kilometres? 5.4 5.4km = 5400m 5.4km = 540000cm

Q4) Write a program that takes the users name and height (in centimeters), and outputs a summary sentence.

Input	Output
William 192	What is your name? <i>William</i> How tall are you (cms)? <i>192</i> William is 192cms tall.
Chilli 27	What is your name? <i>Chilli</i> How tall are you (cms)? <i>27</i> Chilli is 27cms tall.