

Heights

Purpose

To test the ability to perform common mathematical functions, choose appropriate data types for variables, and use numeric literals

Directions

PART A (Due by end of first lab session)

Write a program that prompts the user for their height in feet and inches. Convert the height to strictly inches and print out the result.

PART B

The average giraffe is 192 inches tall. Add on to your program to determine how much taller the average giraffe is than the user. The formula is:

`giraffe's height in inches / user's height in inches`

Examples

How tall are you? (use the form 'feet' 'inches'): 5 8
You are 68 inches tall.
The average giraffe is 2.8 times taller than you.