First name (color-in initial)	А	В	С	D	Е	F	G	Н	I	J	К	L	М	N	0	Р	Q	R	s	Т	U	٧	w	х	Υ	z	section (9,10,11, 12,1 or 2)	first name initial	last name initial
Last name (color-in initial)	А	В	С	D	Ε	F	G	Н	I	J	К	L	М	N	0	Р	Q	R	s	Т	U	V	w	х	Υ	z			

H06: Due Wednesday, 01.21 in Lecture

Review of Parameter Passing (Chapter 4, and Sections 5.1, 5.2)

Assigned: Tue 01.13 Total Points: 50

MAY ONLY BE TURNED IN IN THE LECTURE/LAB LISTED ABOVE AS THE DUE DATE, or offered in person, for in person grading, during instructor or TAs office hours.

See the course syllabus at https://foo.cs.ucsb.edu/16wiki/index.php/W15:Syllabus for more details.

(1) (10 pts) Fill in the information below. Also, fill in the A-Z header by

- coloring in the first letter of your first and last name (as it appears in Gauchospace),
- writing either 9,10,11,12,1 or 2 to indicate your discussion section (lab) meeting time
- writing your first and last initial in large capital letters.

All of this helps us to manage the avalanche of paper that results from the daily homework.

name:	
umail address:	@umail.ucsb.edu

If you collaborated with AT MOST one other person on this homework, write his/her name below. She/he should also have your name on his/her paper.

Reading: As review for the first midterm exam, please check your understanding of functions. You may want to re-read Chapter 4, especially section 4.3. All of the problems on this homework ask you for a function definition only. Do not be concerned with #include, the main () or any other details. For each question, write only a function definition.

The functions all provide their results by returning a value, NOT by printing a value. So there should be no cout statements anywhere in your answer.

2. (10 pts) Write a C++ function definition for a function called areaOfTriangle that returns the area of a triangle as a real number. The function should take two parameters that are both real numbers, namely base and height. The formula for area of a triangle is 1/2 base times height.

3.	(10 pts) Write a C++ function called howManyEggs that return an integer. The function should take an integer parameter called dozens, and returns the value of that parameter, multiplied by 12.
4.	(10 pts) Write a C++ function that takes the radius of a circle as a parameter (a real number) and returns the area of that circle. Use the value 3.14159 for pi. (or use M_PI, which is a predefined constant available if you use $\#include < cmath>$. You do NOT need to write the $\#include < cmath>$ —just assume that has already been done.
5.	(10 pts) Write a C++ function that takes a value in inches and returns the corresponding value in centimeters. You choose an appropriate name, and a name for the parameter. The conversion factor is one inch = 2.54 cm.