DAILY ASSIGNMENT

read:  
- about User-Defined Functions (in *Essential C++* §5.1 – 5.3 & 5.5)  
- about arrays (in *Essential C++* §7.1, 7.2 & 8.1)

Announcement: Thursday, January 23, class cancelled

due: Tuesday, January 28, 8:30 am

Hand your answers back to me either via email (kvollmay@bucknell.edu) as textfile (not word document) or as hardcopy.

1. Explain the syntax for user-defined functions and arrays. Keywords similar to the hand-out for basic C++ commands are fine.

2. Project I
Find a task you had to do in one of your classes at Bucknell for which a small C++ program would have saved you time. Examples: Error Analysis of Data; Numerical Integration or Differentiation; Any Task for which you used EXCEL or MatLab or any other program. In case you do not find any task of any of your Bucknell classes, use a task for your daily life or hobbies (e.g. baseball statistics analysis, advanced shopping list, etc.).

2a. Write the C++ program for this task.

2b. Write a 1-2 page long paper which describes the task and the results.

2c. You will present your paper on January 28 in class in a 5-7 min long talk.

3. What of this assignment did you find most interesting and/or most difficult?