

## CSI 202 — Computer Science II

Homework #01 - due February 1st, 2006

Create a program which allows a user to enter an arbitrary number of grades (as integers). When the user is finished, the program should print the average of the grades. Your program should use a dynamic array, and use a function to compute the average. An array of size 0 should have an average of 0. Your output should exactly match the output below.

The source must be called `hw1.cpp`.  
The executable will be compiled as `hw1`.

### Sample Program Execution:

```
Enter the number of grades: 5
Enter element #1: 90
Enter element #2: 90
Enter element #3: 92
Enter element #4: 91
Enter element #5: 91
```

```
The average grade of these 5 numbers is: 90.8
```