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/* Author: Daniel Berger
Course: CSCI-136
Instructor: Genady Maryash
Assignment: 8.2/8.3
open file.txt and average the numbers
*/


#include <iostream>
#include <cassert>
#include <cstdlib>
#include <fstream>
#include <cctype>

using namespace std;

int main()
{
  int count = 0;
  double num, sum, avg;
  string filename;

  cout << "Enter file name:  ";
  cin >> filename;
  ifstream fin(filename); // alternative way in chap 8.1
  while(fin >> num)
  {
    sum += num;
    count++;
  }
  avg = sum/count;
  cout << "the average is: " << avg;

  fin.close();

return 0;
}
```

```cpp
*/

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