March 9, 2014

struct Student

string last;
string first;
int attend Possible;
int attend Got;
// two more pairs
// for midterm & final
int hw[20];
int projs[10];
int hw_count;
int proj_count;
double ave;

?j

gardebook.h
```cpp
void grade_back(int remain, ostream &out)
{
  string command, second;
  Student students[100];
  int attend weight;
  int home weight;
  // 3 more for proj, mid, final
  int number_of_students;

  in >> command;  // load base.txt
  while(!in.eof())
  {
    in >> second;
    if(command == "Load" || command == "Load")
    {
      load_file(second, students, number_of_students,
                 "all the weight");
      out << "Loaded " << second << " # students:
          " << number_of_students << endl;
    }
    else if(command == "Display ... ")
    {
      //
    }
    else
    {
      in >> command;
    }
  }
}
```
void load_file(string file, Student students[],
    int &ns, int &cw, int &pW, int &hw, int &mw, int &fw) {

    string junk;
    int possible, got;
    if (stream >> file.c_str()) {

        ns = 0;

        in >> junk >> au;
        in >> junk >> mw;
        " " >> hw;
        " " >> pW;
        in >> ignore(200, 'In');
        get_line(in, students[ns].last, ' ', ' '); while (!in.eof()) {

            get_line(in, students[ns].first);
            string cat;
            students[ns].hw_count = 0;
            students[ns].proj_count = 0;
            in >> cat;
            while (cat ! = "Final:") {

                in >> got >> possible;

```
if (cat == "Attendance:"

students[ns].attend = got;
students[ns].attend Possibly = possible;

else if (cat == "Mrs. Admin:"


else if (cat == "Homework:"

int cnt = students[ns].hw Count;
students[ns].hw [cnt] = got;
students[ns].hw Count ++;

// proj

in cc cat;
311 end while cat != final
in cc got == possible;
students[ns].final got = got;
students[ns].final Possible = possible;

// compute average
ns ++;
in... same (200, 'in');
get [ns in, students[ns].list ];
311 end while ! in fail

311 end of function
arc = \frac{\text{got} \times \text{weight}}{\text{possible}} + \text{final} + \text{maint}

\text{got} \times \text{weight} \quad \frac{1.0 \times 80}{100} \times 20 = 16

100 \bigg/ 80