A datafile grades.txt exists with an unknown number of student grades. Consider the following C++ program:

```cpp
#include <iostream>
#include <fstream>

using namespace std;

unsigned int readGrades (ifstream &, float []);
int main ()
{
    ifstream inFile;
    float grades[10];
    unsigned int numGrades = 0;

    inFile.open ("grades.txt");
    numGrades = readGrades (inFile, grades);

    cout << "Grades read: " << numGrades << endl;
    inFile.close ();

    return 0;
}
```

a) Write the C++ function readGrades.

b) Write a C++ function classAverage that returns the class average of all grades in the class. What does a call to classAverage look like?

c) Write a C++ function printGrade that prints a specified grade passed to the function. As an example, you might want to print the 3rd grade of all of the grades. What does a call to printGrade look like?

d) Write a C++ function maxScore that returns the largest score of all grades. What does a call to maxScore look like?