Project #3

Due Date: Dec. 17, 2015 at 9 am

Complete the following program

Get into teams of 2.

Write a program that will read 20 test scores from a file, output the 20 scores, finds the minimum score, maximum value, average of the tests, and finally a count of grades.

The main function will do following:

* Read 20 values from a file
* Write your team’s name
* Write names of your team members
* Call functions: min, max, and average
* Count the grades
* Print the number of As (100 – 90), Bs(98 – 80), Cs (79 - 70), Ds (69 - 60), and Fs (59 and below) for the 20 exams
* Finally, write a friendly note (1-2 sentences) to your class members

Min/max/average functions:

* Array will be passed as a parameter
* Calculate appropriate value
* Call print function to print values
* Nothing will be returned back

Print function:

* Float and char will be passed as parameters
* Float 🡪 contains min, max, or average
* Char 🡪 contains ‘n’, ‘x’, or ‘a’
* Depending on the char, appropriate message will be printed with value
* Nothing will be returned back

*Remember following:*

* *Include the entire problem as part of your first comments*
* *Hand write/type the entire set of test data along with explanation – a task that a QA person would do*

You must hand in the following items in order indicated: this page, program, test data, copy of the test data file, and copy of the run. The rubric is attached.

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| Steps | | points | earned |
| Packet includes all of the items | | 5 |  |
| Entire problem is stated as part of comments | | 5 |  |
| Program contains 5 additional comments | | 5 |  |
| Program is using all of the mentioned functions | | 25 |  |
| program works for **all** situations | | 50 |  |
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| Total points:90 | | Earned points: |  |
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