

Create Rubric

35 points

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Q2 Use of a FILE pointer called inFile (instead of redirection)

10 points

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1

+10.0

A `FILE` pointer called `inFile` exists in `main()` and is used in `fgets()` or a similar non-`scanf()` function to store input from `input.txt`.



2

+5.0

A `FILE` pointer exists in `main()` and is used in `fgets()` or a similar non-`scanf()` function to store input from `input.txt`, but the `FILE` pointer is *not* called `inFile`.



3

+0.0

A `FILE` pointer used in `fgets()` or a similar non-`scanf()` function to store input from `input.txt` does *not* exist in `main()`.

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Q3 Use of two (2) 2-D arrays

Q3 USE OF TWO (2) 2-D arrays

10 points

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1

+10.0

Two (2) 2-dimensional `char` arrays are defined within `main()`, *and* both of the following are true:

- one array is used to store input from a `FILE` pointer
- one array is used to store converted-case lines from the first array



2

+5.0

Two (2) 2-dimensional `char` arrays are defined within `main()`, *but* only one of the following is true:

- one array is used to store input from a `FILE` pointer
- one array is used to store converted-case lines from the first array



3

+2.5

Two (2) 2-dimensional `char` arrays are defined within `main()`, *but* neither of the following are true:

- one array is used to store input from a `FILE` pointer
- one array is used to store converted-case lines from the first array



4

+0.0

Two (2) 2-dimensional `char` arrays are *not* defined within `main()`.

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Q4 Use of function other than scanf()

5 points

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1

+5.0

A function *other than* `scanf()` is used to get input from a `FILE` pointer *other than* `stdin` and store it in an array, *including* (but not limited to):

- `fscanf()`
- `gets()`
- `fgets()`
- `getc()`
- `fgetc()`
- `fread()`
- `getline()`



2

+1.25

A function *other than* `scanf()` is used to get input and store it in an array, but the input source is `stdin` instead

or another `FILE` pointer.

⋮ 3 **+0.0**

`scanf()` is used to get input from `stdin` or another `FILE` pointer and store it in an array.

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Q5 Header Comment

5 points

Q5.1 Name

1 point

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⋮ 1 **+1.0**

Submitted program has a header comment with the student's name.

⋮ 2 **+0.0**

Submitted program does not have a header comment with the student's name.

+ Add Rubric Item

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Q5.2 Date

1 point

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1

+1.0

Submitted program has a header comment with the date of submission.



2

+0.0

Submitted program does not have a header comment with the date of submission.

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Q5.3 Lab Section

1 point

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1

+1.0

Submitted program has a header comment with the student's specific lab section (ex: 001).



2

+0.5

Submitted program has a header comment with a specific lab section (ex: 001), but the lab section listed is not the student's correct lab section.



3

+0.0

Submitted program does not have a header comment with the student's specific lab section (ex: 001).

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Q5.4 Lab Number

1 point

[⚙️ Rubric Settings](#)

1

+1.0

Submitted program has a header comment with the lab number (ex: Lab 1).



2

+0.5

Submitted program has a header comment with a lab number (ex: Lab 1), but the lab number is not correct.



3

+0.0

Submitted program does not have a header comment with the lab number (ex: Lab 1).

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Q5.5 Program Description

1 point

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1

+1.0

Submitted program has a header comment with a short program description.



2

+0.0

Submitted program does not have a header comment with a short program description.

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Q6 Code Formatting

5 points

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1

+5.0

Code is formatted in a readable way with matching indentation. Code otherwise follows standard conventions as taught in lecture.



2

+3.0

Minor issues with code formatting that slightly impact readability.

This includes *one* of the following:

- Lack of indentation where appropriate
- Errant indentation on some lines



3

+1.0

Frequent issues with code formatting that significantly impact readability.

This includes *both* of the following:

- Lack of indentation where appropriate
- Errant indentation on some lines



4

+0.0

Code is not formatted in any recognizable way, making code entirely unreadable.

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Q7 Absence Penalty

0 points

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1

-0.0

Student was present in lab when required.



2

-0.0

Student was not present in lab, but provided a reasonable excuse. Responsible TA(s) will provide more information in comments.



3

-50.0

Student was not present in lab, and did not provide a reasonable excuse ahead of time. Responsible TA(s) will provide more information in comments.

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