

Create Rubric

70 points

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Q2 Function Prototypes

15 points

Q2.1 printMenu

5 points

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⋮ 1 +5.0

A function prototype for `printMenu` exists *before* `main`.

⋮ 2 +0.0

A function prototype for `printMenu` does *not* exist before `main`.

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Q2.2 printArray

5 points

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⋮ 1 +5.0

A function prototype for `printArray` exists *before* `main`.

2 +0.0

A function prototype for `printArray` does *not* exist before `main`.

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Q2.3 convertCase

5 points

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1 +5.0

A function prototype for `convertCase` exists *before* `main`.

2 +0.0

A function prototype for `convertCase` does *not* exist before `main`.

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Q2 Functions

Q3 FUNCTIONS

30 points

Q3.1 printMenu

10 points

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❖ 1 +10.0

`printMenu` function is defined (separately from a prototype, if one exists), *and* all of the following are true:

- return type of `int`
- no parameters

❖ 2 +5.0

`printMenu` function is defined (separately from a prototype, if one exists), *but* one of the following is not true:

- return type of `int`
- no parameters

❖ 3 +2.5

`printMenu` function is defined (separately from a prototype, if one exists), *but* neither of the following is true:

- return type of `int`

- no parameters



4

+0.0

`printMenu` function is not defined (separately from a prototype, if one exists).

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Q3.2 printArray

10 points

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1

+10.0

`printArray` function is defined (separately from a prototype, if one exists), *and* all of the following are true:

- return type of `void`
- one two-dimensional `char` array parameter with dimensions `MAX_LINE` and `MAX_LINE_LEN`
- one `int` parameter



2

+7.5

`printArray` function is defined (separately from a prototype, if one exists), *but* one of the following is not true:

- return type of `void`
- one two-dimensional `char` array parameter with dimensions `MAX_LINE` and `MAX_LINE_LEN`
- one `int` parameter

⋮ 3 +5.0

`printArray` function is defined (separately from a prototype, if one exists), *but* two of the following are not true:

- return type of `void`
- one two-dimensional `char` array parameter with dimensions `MAX_LINE` and `MAX_LINE_LEN`
- one `int` parameter

⋮ 4 +2.5

`printArray` function is defined (separately from a prototype, if one exists), *but* all of the following are not true:

- return type of `void`
- one two-dimensional `char` array parameter with dimensions `MAX_LINE` and `MAX_LINE_LEN`
- one `int` parameter

⋮ 5 +0.0

`printArray` function is not defined (separately from a

prototype, if one exists).

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Q3.3 convertCase

10 points

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1 +10.0

`convertCase` function is defined (separately from a prototype, if one exists), *and* all of the following are true:

- return type of `void`
- one two-dimensional `char` array parameter with dimensions `MAX_LINE` and `MAX_LINE_LEN`

Optionally, the function may contain an `int` parameter representing the number of lines in the poem array.

2 +5.0

`convertCase` function is defined (separately from a prototype, if one exists), *but* one of the following is not true:

- return type of `void`
- one two-dimensional `char` array parameter with dimensions `MAX_LINE` and `MAX_LINE_LEN`

Optionally, the function may contain an `int` parameter

representing the number of lines in the poem array.

3 +2.5

`convertCase` function is defined (separately from a prototype, if one exists), *but* neither of the following is true:

- return type of `void`
- one two-dimensional `char` array parameter with dimensions `MAX_LINE` and `MAX_LINE_LEN`

Optionally, the function may contain an `int` parameter representing the number of lines in the poem array.

4 +0.0

`convertCase` function is not defined (separately from a prototype, if one exists).

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Q4 Function Calls

15 points

Q4.1 printMenu

5 points

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1

+5.0

`printMenu` is called from `main`, the return value is used properly, and `main` does *not* contain duplicate code from `printMenu`.



2

+2.5

`printMenu` is called from `main`, but the return value is not used properly or `main` contains duplicate code from `printMenu`.



3

+0.0

`printMenu` is not called from `main`.

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Q4.2 printArray

5 points

[Rubric Settings](#)

1

+5.0

`printArray` is called from `main`, and `main` does *not* contain duplicate code from `printArray`.

2 +2.5

`printArray` is called from `main`, but `main` contains duplicate code from `printArray`.

3 +0.0

`printArray` is not called from `main`.

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Q4.3 convertCase

5 points

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1 +5.0

`convertCase` is called from `main`, and `main` does *not* contain duplicate code from `convertCase`.

2 +2.5

`convertCase` is called from `main`, but `main` contains duplicate code from `convertCase`.

3 +0.0

`convertCase` is not called from `main`.

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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.

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Q5.2 Date

1 point

 [Rubric Settings](#)

.



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 <i>one</i> 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 <i>both</i> 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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0 points



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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Q8 Override

0 points

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1

-0.0

No grade overrides are necessary for this student.



2

-0.0

A grade override has been determined for this student.

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