A5

Pro 1

1. fgets returns an s on success, and a NULL on error or if EOF is reached before reading any characters

you could use this value to check if a stream was successfully read

1. fgets(s, 21, stdin); first 2 arguments are the memory location the string will be saved to and the number of characters to read including the terminating \0.

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isalpha

Is one of a group of character classification functions in the ctype.h library

1 argument of an unsigned char

Determines if the input is either an upper- or lower-case letter.

Returns **not** 0 if the character is a letter

Returns 0 if the character is not a letter

Source – the man page

strncmp

Compares 2 strings

Takes 3 arguments first 2 are char pointers to the strings being compared,

The third is the int number of bytes to be compared

Compares each pair of unsigned chars in the string

Returns 0 if they are the same, a positive number if S1 is greater than S2

And a negative number if S2 is greater than S1

The return is based on the first pair of unsigned chars that do not match

* Source- man page

fread

takes input from a file stream

4 arguments (destination, sizeOfItems, numOfItems, source)

Returns number of items read

* Sources man page, <https://www.tutorialspoint.com/c_standard_library/c_function_fread.htm>

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Prob 2

1. Static variables keep their value between function calls.
2. They are both void functions, no value will be returned.
3. Neither function accepts any arguments.

A. int functionC();

B. int functionC(int row, int col, int (\*array)[row]);

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Bonus

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