

February Break Extra Credit Project

Your goal is to show me via coding that you have been grasping the concepts that we have been discussing in class. I am not looking for a fancy overly complicated program. I certainly do not want you "borrowing" code from somewhere else or the internet.

Write a simple program following the guidelines below:

- 1) Program will utilize 3 additional functions (other than main).
- 2) Each function should return a different data type and have various arguments. Specifically:

In regards to OUTPUTS: one function will return a bool, one will return void, and the third can return an int or a char (you get to pick which ever one you want).

In regards to INPUTS: one function must take in no inputs, one will take in 2 inputs, and one will take in three inputs. I'll leave the data types up to you.
- 3) One function should call another function (not including main). We have an example of this when 'cough' called 'say' in our playground.
- 4) Program must utilize a pointer.
- 5) An array is OPTIONAL but will make me happy. :)
- 6) It would be nice if your program solved a problem Just saying ...
- 7) Play your program in our playground directory. Name your program grassFedButta.c with that exact case.
- 8) Oh, and do not forget to run style50 on it as well as COMMENT YOUR CODE. Code with no comments will NOT EVEN BE CONSIDERED.
- 9) I suggest you brainstorm some ideas, pick one, pseudo code first, then build it.