CS 0011 SEC 1020

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House Keeping

- Previous Lab Reviews
 - Should have received an email if you needed to fix something
- DEADLINE for Labs
 - The three labs we have done (including today) make up one project
 - Needs to be turned in 14 days from today on Canvas!
 - You will submit the resulting program you get from the last part of Lab 3.
- Questions?
 - Stop by office hours or email me! I will try to get back to you when I get a chance. Try to email me through the Canvas emailing system or else I will lose your emails



- Input Validation
 - Ask the user for output format
 - If they don't enter 1 or 2, tell them their input is invalid
 - BE CAREFUL Test all cases provided
 - What type of input should you accept?



- Input Validation
 - Limit the number of attempts the user has
 - If user guesses wrong 5 times, exit program
 - Use exit('your message here')



- Functions
 - Define a function called print_header
 - Takes one keyword argument called csv with a default value of True
 - Define a function called print_row
 - Takes one keyword argument and one positional argument
 - Move all necessary variables & perform all calculations in this method



- Functions
 - Define a function called get_choice
 - Ask user for output format here
 - Define a function called main
 - Only will initialize fuel variable and call get_choice, print_header, and print_row
 - What variable/s will you pass in to print_header and print_row?



- Hints
 - What order should you define your functions in?
 - You will need to call print_header and print_row
 - Which one should be called first?



- Multiple Fuel Amounts
 - No longer asking for user input
 - How will you calculate output for 10 different fuel values?



- Concepts
 - Loops (While Loops and For Loops)
 - Input Validation
 - Functions

