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Homework 3
CSET 3600
*/

/* INITIAL RELEASE 0.1
Have a while x = true loop run while the user inputs their data and. Make x false when the
user is done inputting data.
Count the workout types done by setting workout types = 0 and making them =1 if complete.
This prevents doing 2 types of cardio as counting as 2 workout types.
I also have a count++ to track how many workouts were completed but I do not currently
have this verbose.

Ask the user what specific kind of workout was done a workout type.

Ask the user if they have more inputs (x = true and code repeats else X was made false
just after the while loop started.)

If workout types done >= 2 they have completed the periods tasks (with the previous
stipulation that in order for a workout to count they must have done it 3 times in the
period). Else they have failed.

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IMPROVED RELEASE 1.0 wish list / ideas:

DONE - Ask the user how long the workout period should be in days.
DONE - Ask the user to CUSTOMIZE their goals. EX: Lose X amount of pounds, complete X
amount of workouts, Complete X # of workout types etc. The user can input any or all but
must pick at least one goal.
DONE - Iterate the prompts to ask for each days input values.
DONE - Ask the user what their initial weight was at the start of the period vs end and
compare.
DONE - Implemented increased verbosity outputs for the results. Calculated weight
different. (possible to lose negative pounds == gained).
    Gives "workout score" vs "number of workouts" because making something into a
competitive game has been shown effective.
    workout type variety also now output to user
FIXED - possible improper workout total counting if the user input something inaccurate or
out of bounds. This was due to where the program counted a new workout as actually
happening.
    This has been moved to only happen when the user gives an acceptable final input.
FIXED - possible improper workout variety total if the user input something inaccurate or
out of bounds. This was due to where the program counted a workout variety type as
actually happening.
    This has been moved to only happen when the user gives an acceptable final input.
DONE - added output for failed workout periods. Previously the user would only get their
stats if they were successful.
DONE - added additional error handling for out of bounds numeric inputs.
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