main()

First sets variables according to the stated category with the get_initial _input function. Then sets up the get_scores function to create a list of the inputted score values. Then uses the calculate_weighted_avg function to calculate the inputted scores of the category. Except for the labs category, where in this main function it will sum up the inputted lab scores and multiple the value by the asked weighted percentage. Then it will take calculate_class_grade function to some up all the calculated percentages in order to determine the final grade. The whole process is looped, and will ask the user if the user would like to calculate another grade for a class. If so, the loop will begin again. If not, the program will end.

The final grade will be printed at the end as a float, and the inputs will be determined by the outside functions.

get_initial_input()

Ask the user for the numbers for the wanted item.

Reads integers as input.

Will return that input to main.

get_scores()

Ask the user for the scores of the category.

Able to read floats as input.

Will return values to main.

calculate_weighted_avg()

Takes weighted percentage. Takes the sum of all the scores of the category, and calculates the average. Then takes the weighted percentage and multiples it by the calculated average.

Reads floats as input.

Will return values to main.

calculate_class_grade()

Sums up all the weighted averages to output final grade.

Reads floats as inputs.

Will return value to main.