CS2308 PA#1, Fall 2019 Name: DeJa Barclay

1. Compilation 20

* 20 Compiles --Your program must compile to be graded further.

2. Correctness 40

* 7 TC1 1 500 4 200 5 175 2 155 3 25 7 8 (5 categories, under by 95)
* 7 TC2 6 1500 7 8 (1 category only, over by 350)
* 7 TC3 1 500 3 10 4 200 3 25 7 8 (cat 3 twice, under by 415)
* 7 TC4 1 500.75 7 3 10.53 4 200 7 8   
   (display in middle, fractions, under by 438.72)
* 7 TC5 1 500 2 150 3 50 4 250 5 150 6 50 7 8   
   (spent=allocated, over/under by 0)
* 5 Nicely formatted output (data lines up in columns, two decimal places)

-1 for showing negative overall when under budget

3. Constraints 25

* 3 must use array of struct to store the budget data
* 3 initializes the array using data in assignment (not user input)
* 9 at least the 3 functions as described in the specs (in addition to main)  
  (i.e. displayTable, addMoney, overUnderMonth)
* 3 uses named constant for array size

-3 for not using named constant

* 3 Does not hard code table values in other parts of program
* 4 NO GLOBAL variables (global struct definition and const is good)

4. Style/readability: 15

* 4 Header with info AND description
* 4 Has complete function definition comments
* 3 95% of lines are not longer than 80 characters
* 4 Has proper indentation

Penalties, if any: -4