Assignment report 4

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(1) Assignment4_1

First of all, I don't have any idea how to do the assignment. So, I turned to my classmates for help. And they told me that I should refer to the practice that the teacher gave us. Then, I use the logic of the teacher in the numeral arithmetic solution. I change hexadecimal numbers into decimal numbers at first. And then, compare the string length to decide which calculation formula to use. Then, put all numbers into a sum array, and print out the standard format that the teacher asks us to do. At the same time, use the user-defined functions, printchar and hexa2decimal to print out the formula. Lastly, check and print the overflow message.

(2) Assignment4_2

First of all, I check the numeral arithmetic practice that the teacher asked us to do. The coding logic of the assignment is the same as the practice. Use the arrays and utilize ASCII code and make the hexadecimal numbers into decimal numbers. And then calculate the numbers as the same as the assignment4_1 (for the addition part). Then, use the user-defined function, hexadecimal digit product, to calculate the numbers one by one. And then, plus the carry to the sum. At last, check and print the overflow message.