In the hexadecimal adder, the process is done in the following order

1.input two hexadecimal numbers in string form

2. convert the number into decimal form and do the adding operation

3. convert the result back into hexadecimal form and output the result

4.print an operation in decimal form

In this assignment I encounter couple problems, first I didn't initialize the array so the result might be overwritten by the previous result. Second, the adding process is done incorrectly because the carry is wrong.

In the hexadecimal multiplication, the process is done in the following order

1. input two hexadecimal numbers in string form

2. make the input number into inverse function

3. convert the number into decimal form and do the multiplication

4. convert the result back into hexadecimal form and output the result

5.print an operation in decimal form

In this assignment I encounter couple problems, first I didn't initialize the array so the result might be overwritten by the previous result. Second, the multiplication was wrong during the second step of multiplication which the array length was not long enough to store the result.