binhexa

binhexa challenge

This a binary operation challenge kinda like doing math.

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┌──(kali㉿kali)-[~]
└─$ nc titan.picoctf.net 56415

Welcome to the Binary Challenge!"
Your task is to perform the unique operations in the given order and find t
 final result in hexadecimal that yields the flag.

Binary Number 1: 01011010
Binary Number 2: 11011001


Question 1/6:
Operation 1: '<<'
Perform a left shift of Binary Number 1 by 1 bits.
Enter the binary result: 10110100
Correct!

Question 2/6:
Operation 2: '>>'
Perform a right shift of Binary Number 2 by 1 bits .
Enter the binary result: 1101100
Correct!

Question 3/6:
Operation 3: '&'
Perform the operation on Binary Number 1&2.
Enter the binary result: 01011000
Correct!

Question 4/6:
Operation 4: '+'
Perform the operation on Binary Number 1&2.
Enter the binary result: 000100110011
Correct!

Question 5/6:
Operation 5: '|'
Perform the operation on Binary Number 1&2.
Enter the binary result: 11011011
Correct!

Question 6/6:
Operation 6: '*'
Perform the operation on Binary Number 1&2.
Enter the binary result: 0100110001001010
Correct!

Enter the results of the last operation in hexadecimal: 4c4a

Correct answer!
The flag is: picoCTF{b1tw^3se_0p3eR@tI0n_su33essFuL_6862762d}
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Tips: just use a calculator if you're not a pro