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1. (10 pts) Write down the **address** of the variable **number** 0x7fffffffe24c
2. (10 pts) At the first function call to get\_num (before the while loop) write down the address of the formal parameter **num** $1
3. (10 pts) Are the above two addresses the same? If so explain.

No they are not because they are not the same variables so the addresses should be different

1. (10 pts) Once you are in the main function and the current line is minimum = number;

Examine the value of number by issuing the command “p number”. Is the value of number the same as the value entered from the keyboard (15)? If so explain.

This Value is the same because it was the minimum number input (the only input number)

1. (10 pts) Function find\_min: write down the **values** of the formal parameters after you step into the function

cur\_min 15

cur\_num 32767

1. (10 pts) Explain the difference between cur\_min and cur\_num

Current number is the the version of the variable in the find\_min function whereas cur\_min is passed by reference so it has a shared value

1. (10 pts) Function sum\_all: write down what is

cur\_sum 32767

cur\_num -7600