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Homework 4

Example:

The function is multiplying the two numbers by adding.

1. This function is computing how many times ‘b’ will go into a.
   1. 3
   2. 5
   3. 0
2. This function creates the integer xy, where x are the integers in x and y are the integers in y. If either x or y are negative, it returns -xy, if both are it returns xy
   1. -72
   2. 2945
3. Code:
4. int sumDigits(int x)
5. {
6. if (x == 0)
7. {
8. return 0;
9. }
10. return x % 10 + sumDigits(x - x % 10)/10);
11. }