

Project Euler

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Chapter 1

Problem 1 (Multiples of 3 and 5)

$$sum = 3 * \frac{n(n+1)}{2} + 5 * \frac{n(n+1)}{2} - 15 * \frac{n(n+1)}{2} \quad (1.1)$$

- n is the number one less than given N
- 15 is subtracted because we are adding numbers which are multiples of 3 and 5 both.

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