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REC-CIS				•
	1 + 2 + 4 = 7			
	Since $2 + 3 + 4 = 9$ , allows for maximum number of macronutrients, 9 is the right answer.			
	Complete the code in the editor below. It must return an integer that represents the maximum total of macronutrients, modulo $1000000007$ $(10^9 + 7)$ .			
	It has the following:			
	n: an integer that denotes the number of food items			
	k: an integer that denotes the unhealthy number			
	Constraints			
	· 1 ≤ n ≤ 2 × 10 <sup>9</sup>			
	$1 \le k \le 4 \times 10^{15}$			
	Input Format For Custom Testing			
	The first line contains an integer, <i>n</i> , that denotes the number of food items.			
	The second line contains an integer, k, that denotes the unhealthy number.			
	Sample Input 0			
	2			
Th Week-04-02-Practice Session-Coding: Attempt review   REC-CIS - Google Chrome	<u> </u>	0	×	· ,
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REC-CIS	Sample Output 0  3  Explanation 0  The following sequence of $n = 2$ food items:  1. Item 1 has 1 macronutrients.			
REC-CIS	Sample Output 0  3  Explanation 0  The following sequence of $n = 2$ food items:			
REC-CIS	Sample Output 0  3  Explanation 0  The following sequence of n = 2 food items:  1. Item 1 has 1 macronutrients.  2. 7 + 2 = 3; observe that this is the max total, and having avoided having exactly k = 2 macronutrients.			
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REC-CIS	Explanation 0  The following sequence of $n = 2$ food items:  1. Item 1 has 1 macronutrients.  2. $T + Z = 3$ ; observe that this is the max total, and having avoided having exactly $k = 2$ macronutrients.  Sample Input 1  2  1  Sample Output 1			
REC-CIS	Explanation 0  The following sequence of $n = 2$ food items:  1. Item 1 has 1 macronutrients.  2. $1 + 2 = 3$ ; observe that this is the max total, and having avoided having exactly $k = 2$ macronutrients.  Sample Input 1			



