Hercy wants to save money for his first car. He puts money in the Leetcode bank **every day**.

He starts by putting in $1 on Monday, the first day. Every day from Tuesday to Sunday, he will put in $1 more than the day before. On every subsequent Monday, he will put in $1 more than the **previous Monday**.

Given n, return *the total amount of money he will have in the Leetcode bank at the end of the*nth*day.*

**Example 1:**

**Input:** n = 4

**Output:** 10

**Explanation:** After the 4th day, the total is 1 + 2 + 3 + 4 = 10.

**Example 2:**

**Input:** n = 10

**Output:** 37

**Explanation:** After the 10th day, the total is (1 + 2 + 3 + 4 + 5 + 6 + 7) + (2 + 3 + 4) = 37. Notice that on the 2nd Monday, Hercy only puts in $2.

**Example 3:**

**Input:** n = 20

**Output:** 96

**Explanation:** After the 20th day, the total is (1 + 2 + 3 + 4 + 5 + 6 + 7) + (2 + 3 + 4 + 5 + 6 + 7 + 8) + (3 + 4 + 5 + 6 + 7 + 8) = 96.

**Constraints:**

* 1 <= n <= 1000