



6

The Triplet Treasure Hunt

3 points

Introduction

In a distant land known as Numeria, there exists a mystical forest named Triplet Grove. Legends have it that deep within this forest, there lies a hidden treasure of unimaginable wealth. The catch? To unlock the treasure's location, one must possess the knowledge of the "Triplet Numbers."

The Triplet Numbers are special integers that are multiples of 3 and play a crucial role in unraveling the treasure's mystery. The forest is enchanted with a magical aura that only reveals its secrets to those who can harness the power of the Triplets.

As an aspiring treasure hunter, you find yourself standing at the edge of Triplet Grove, determined to uncover its riches. However, you have a dilemma: you don't know where to begin your search.

A wise old sage approaches you and offers guidance. She tells you that the first step in deciphering the forest's secrets is to understand the essence of the Triplet Numbers. She hands you a parchment with a cryptic message:

"Seek the sum of the Triplet Numbers to unveil the path to riches."

With these words, she disappears into the forest mist, leaving you with a task. You must write a program to calculate the sum of all multiples of 3 that are less than or equal to a given number n . This sum, as you've been told, holds the key to unlocking the treasure's location deep within Triplet Grove.

Armed with your coding skills and the wisdom of the Triplet Numbers, you embark on this journey, determined to reveal the secret of the enchanted forest and claim the long-lost treasure as your own. Now, it's your turn to write the code and solve the mystery of the Triplet Numbers!

Input

The input is a positive integer

Output

The output is a positive integer.



Example 1

Input

7

Output

9

Example 2

Input

15

Output

45