**Two\_Sum**

**Prompt**

In the problem TwoSum, you are tasked with writing a program that checks whether a list of integers can add up to a target value. For example, if you are given a list [1, 2, 3, 4] and a target value of 6, your TwoSum program should return true since 2 and 4 add up to 6.

A screenshot of a computer

AI-generated content may be incorrect.

Write a function called two\_sum that takes two parameters:

* nums: a list of integers
* target: an integer target sum

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The function should return True if **any two distinct elements** in the list sum to the target value. Otherwise, return False.