You are given a positive integer array skill of **even** length n where skill[i] denotes the skill of the ith player. Divide the players into n / 2 teams of size 2 such that the total skill of each team is **equal**.

The **chemistry** of a team is equal to the **product** of the skills of the players on that team.

Return *the sum of the* ***chemistry*** *of all the teams, or return* -1 *if there is no way to divide the players into teams such that the total skill of each team is equal.*

**Example 1:**

Input: skill = [3,2,5,1,3,4]  
Output: 22  
Explanation:   
Divide the players into the following teams: (1, 5), (2, 4), (3, 3), where each team has a total skill of 6.  
The sum of the chemistry of all the teams is: 1 \* 5 + 2 \* 4 + 3 \* 3 = 5 + 8 + 9 = 22.

**Example 2:**

Input: skill = [3,4]  
Output: 12  
Explanation:   
The two players form a team with a total skill of 7.  
The chemistry of the team is 3 \* 4 = 12.

**Example 3:**

Input: skill = [1,1,2,3]  
Output: -1  
Explanation:   
There is no way to divide the players into teams such that the total skill of each team is equal.

**Constraints:**

* 2 <= skill.length <= 105
* skill.length is even.
* 1 <= skill[i] <= 1000