5496. Maximum Number of Coins You Can Get

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There are 3n piles of coins of varying size, you and your friends will take piles of coins as follows:

- In each step, you will choose **any** 3 piles of coins (not necessarily consecutive).
- Of your choice, Alice will pick the pile with the maximum number of coins.
- You will pick the next pile with maximum number of coins.
- Your friend Bob will pick the last pile.
- Repeat until there are no more piles of coins.

Given an array of integers `piles` where `piles[i]` is the number of coins in the i^{th} pile.

Return the maximum number of coins which you can have.

User Accepted:	0
User Tried:	0
Total Accepted:	0
Total Submissions:	0
Difficulty:	Medium

Example 1:

```
Input: piles = [2,4,1,2,7,8]
Output: 9
Explanation: Choose the triplet (2, 7, 8), Alice Pick the pile with 8 coins, you the pile
Choose the triplet (1, 2, 4), Alice Pick the pile with 4 coins, you the pile with 2 coins
The maximum number of coins which you can have are: 7 + 2 = 9.
On the other hand if we choose this arrangement (1, 2, 8), (2, 4, 7) you only get 2 + 4 =
```

Example 2:

```
Input: piles = [2,4,5]
Output: 4
```

Example 3:

```
Input: piles = [9,8,7,6,5,1,2,3,4]
Output: 18
```

Constraints:

- `3 <= piles.length <= 10^5`
- `piles.length % 3 == 0`

- `1 <= piles[i] <= 10^4`

JavaScript

```
/**
 * @param {number[]} piles
 * @return {number}
 */
var maxCoins = function(piles) {

};
```

Custom Testcase Use Example Testcases

Run Submit