Problem 633: Sum of Square Numbers

Problem Information

Difficulty: Medium
Acceptance Rate: 36.60%
Paid Only: No
Tags: Math, Two Pointers, Binary Search

Problem Description

Given a non-negative integer `c`, decide whether there're two integers `a` and `b` such that `a2 + b2 = c`.

Example 1:

Input: c = 5 **Output:** true **Explanation:** 1 * 1 + 2 * 2 = 5

Example 2:

Input: c = 3 **Output:** false

Constraints:

* `0 <= c <= 231 - 1`

Code Snippets

C++:

```
class Solution {
public:
bool judgeSquareSum(int c) {


}
};
```

Java:

```java
class Solution {
public boolean judgeSquareSum(int c) {


}
}
```

Python3:

```python
class Solution:
def judgeSquareSum(self, c: int) -> bool:
```