Code Snippet Repository

Your Name

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1 Python Code Snippets

1.1 Max Area of Island

1.3 Two-sum

1.2 Koko eating bananas

```
Binary Search

import math
class Solution:

def minEatingSpeed(self, piles: List[int], h: int) ->
    int:

left, right = 1, max(piles)

while left < right:
    mid = (left + right) // 2
    # Calculate round up ceil() number of hours
    # hours = sum((pile + mid - 1) // mid for pile
    in piles)
    hours = sum(math.ceil(pile / mid) for pile in
        piles)
    if hours > h:
    left = mid + 1
else:
        right = mid
return left
```