

Happy Number (/problems/happy-number/)

Submission Detail

401 / 401 test cases passed.

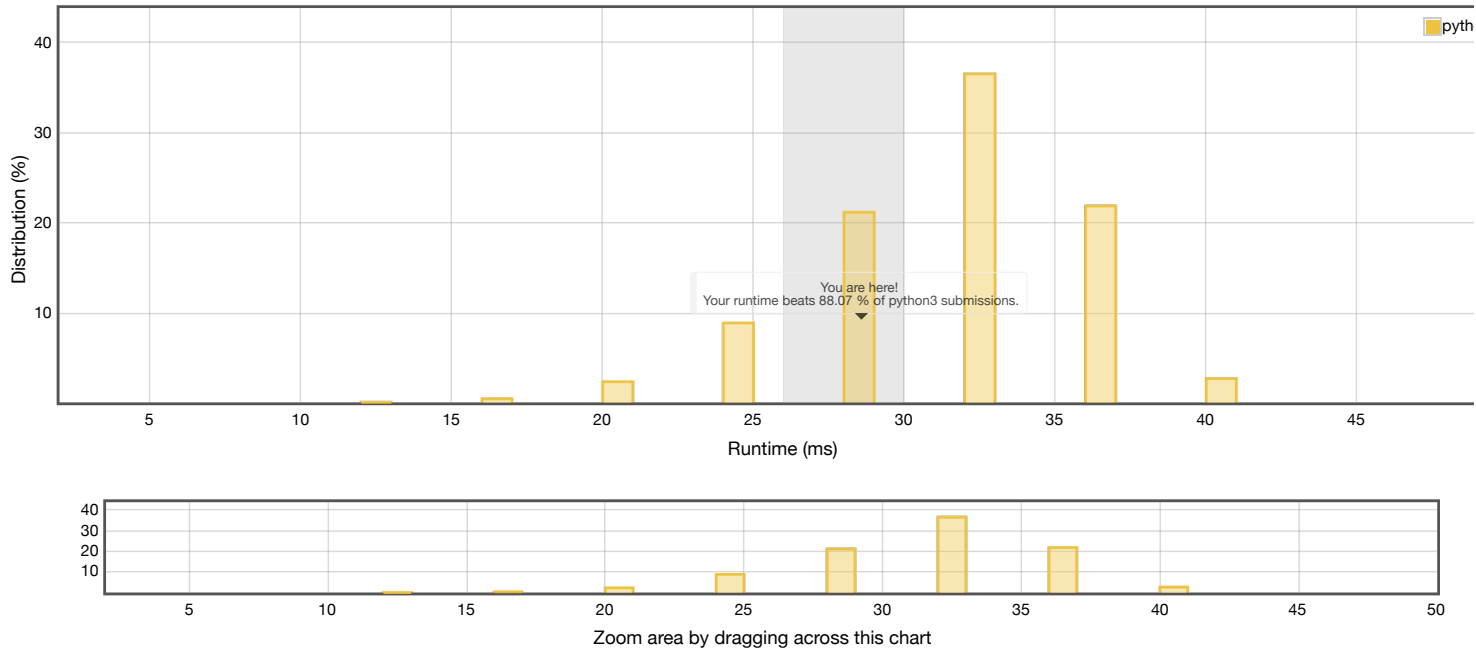
Runtime: 28 ms

Memory Usage: 13.9 MB

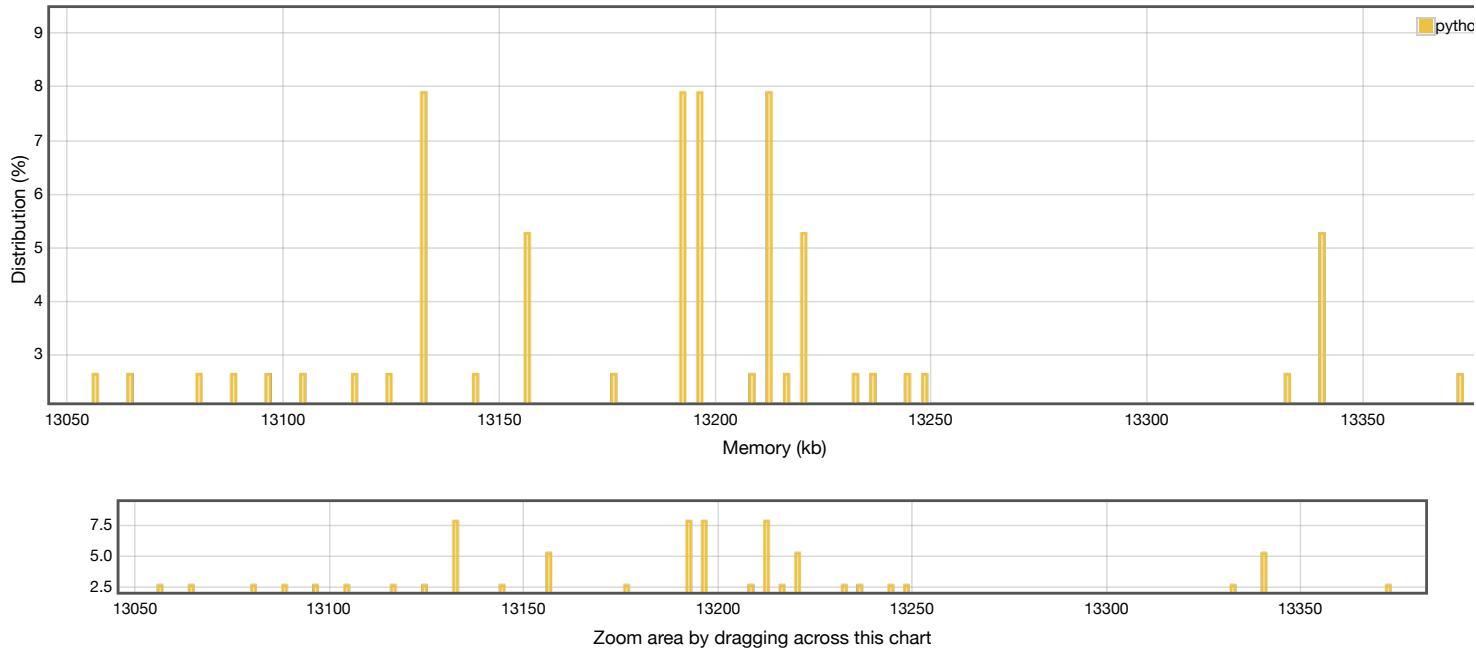
Status: Accepted

Submitted: 0 minutes ago

Accepted Solutions Runtime Distribution



Accepted Solutions Memory Distribution



Invite friends to challenge Happy Number

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Submitted Code: 0 minutes ago

Language: python3

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```
1 class Solution:
2
3     def isHappyRecursive(self, n, occurrences=set()):
4         if n == 1:
5             return True
6
7         current_result = 0
8         number_of_digits = int(math.log10(n))+1
9         for i in range(number_of_digits):
10             digit_at_i = n // 10**i % 10
11             current_result += digit_at_i ** 2
12
13         if current_result in occurrences:
14             return False
15
16         occurrences.add(current_result)
17         return self.isHappyRecursive(current_result, occurrences)
18
19     def isHappy(self, n: int) -> bool:
20         occurrences = set()
21         return self.isHappyRecursive(n, occurrences)
22
```

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