phoneDirectory.check(2); // The number 2 is available, so return true. phoneDirectory.get(); // It returns 2, the only number that is left. phoneDirectory.check(2); // The number 2 is no longer available, so return phoneDirectory.release(2); // Release number 2 back to the pool. phoneDirectory.check(2); // Number 2 is available again, return true. **Constraints:** • 1 <= maxNumbers <=  $10^4$ • 0 <= number < maxNumbers  $\bullet$  At most 2 \* 10<sup>4</sup> calls will be made to get, check, and release. Accepted 51,018 Submissions 102,526 Seen this question in a real interview before? Yes No Companies 🛅 i 0 ~ 6 months 6 months ~ 1 year 1 year ~ 2 years Dropbox | 3 Related Topics Array Hash Table Linked List Design Queue Similar Questions Seat Reservation Manager Medium