

- Library

In library, usually books are categorized in code.

```
1 Find out what is the code of the book
2 Go to the shelf in the middle of the section
3     If the book is in the shelf
4         End
5     Else
6         Check if the code is in the left or the right
7         Go to the section which have the code
8         Return to line 2
```

Kompleksitas  $O(\log N)$

- Interview

A company is looking for a new employee. However the company is looking for an employee with good leadership

```
1 Open a job interview
2 Interviews an employee
3 If the employee does not meet the requirement
4     Reject the employee
5     Bring in a new employee in the queue
6     Return to line 2
7 If the employee meet the requirement
8     Hire the employee
9 End
```

Kompleksitas  $O(N)$

Aaaa

Aaaa

aaa



