# Javascript interview

## Javascript

### 問答題

Reference:
https://stackoverflow.com/questions/1684917/what-questions-should-a-javascript-programmer-be-able-to-answer



Why would this code not work as expected? Is anything missing?

```
class User {
  constructor(name) {
    this.name = name;
  }
}
```



Why does it alert undefined when I declared the jack variable to be 'Jack'?



What will this code alert? Why?



Why does the second alert say undefined?



Why do the anchors, when clicked on, alert -1 instead of their respective counter inside of the loop?

http://jsrun.net/QpbKp/edit

The difference is scoping. var is scoped to the nearest function block and let is scoped to the nearest enclosing block.

- Function.prototype.apply() 是什麼呢？
- ES6 跟 ES5 有什么差别？请以代码举例。
- What is JSON?
- Explain MVC
- 什么是 Callback？
- 什么是 Promise？
- Callback 跟 Promise 有什么差别？请举例。

- 什么是设计模式 Design Pattern？请指出三个设计模式并以代码说明其中一个。

### 习作题



数列

http://jsfiddle.net/questwork/nfb7B/

## NodeJS



Node.js event loop reference:
https://blog.risingstack.com/node-js-at-scale-understanding-node-js-event-loop/

https://jsfiddle.net/questwork/10497gs8/

## MongoDB

假设你要做一个图书管理系统。你会怎样设计 MongoDB document 以达到以下需求？

- 读者能以作者姓名、分类、书名、出版社、年份找书籍。
- 请写出以作者姓名或书名的 Query？

## Framework

- 有没有使用 Node.js + Express + MongoDB + Mongoose 的经验？请举例。
- 有没有使用 oAuth 及 Passport.js 的经验？请举例。
- 有没有使用 Backbone.js 的经验？什么是 Model, View？请举例。
- 有没有使用 ReactJS 的经验？请举例。

From:
https://wiki.questwork.com/ - **Questwork's Wiki**

Permanent link:
**https://wiki.questwork.com/doku.php?id=interview:developer:javascript:start**

Last update: **2019/07/11 13:36**