

Interview question answer

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Task 2

1. How would you handle downtime during holiday/weekends

preventive way: I want to make sure that the code is stable before weekend and freeze the code during weekend.

emergency way: there should be on call rotation schedule where team member take turns being available to respond to emergencies during holiday/weekend

personal way: in case It is my turn to standby for the weekend I would ensure that I'm reachable through appropriate channels in case of critical issues that require immediate attention.

2. Sometimes we have a problem with stale Pull Request. How would you solve that?

Break Down Large Pull Request: encourage team member to break down large complex PR to smaller, more manageable chunks. Smaller PR are easier to review so it help to make PR not staled.

Prioritize older PR first: to prevent PR for being staled we should be prioritize older PR first.

3. We have an unfinished handbook, kindly check this (<https://github.com/medigoid/tech-handbook/blob/develop/programming-concepts.md>) section. What will you improve?

I notice that in this section there are lack of example code. If we can add more example in this section I thnk it will be easier to follow:

Konsep Clean Code

Konsep Clean Code mempunyai beberapa penafsiran dan karakteristik, di antaranya :

1. Kode tersebut harus mudah dipahami
 - a. Memiliki alur kerja/pertukaran data yang jelas dan konsisten

```
// Good Example
function calculateAverage(numbers) {
  const total = numbers.reduce((acc, num) => acc + num, 0);
  return total / numbers.length;
}

// Bad Example
function avg(nums) {
  const s = nums.reduce((acc, n) => acc + n, 0);
  return s / nums.length;
}
```

- b. Kolaborasi antar class atau berkas harus mudah dipahami

```
// Good Example
class Car {
  constructor(make, model) {
    this.make = make;
    this.model = model;
  }

  displayInfo() {
    console.log(`Car: ${this.make} ${this.model}`);
  }
}

// Bad Example
class Car {
  constructor(m, mod) {
    this.m = m;
    this.mod = mod;
  }

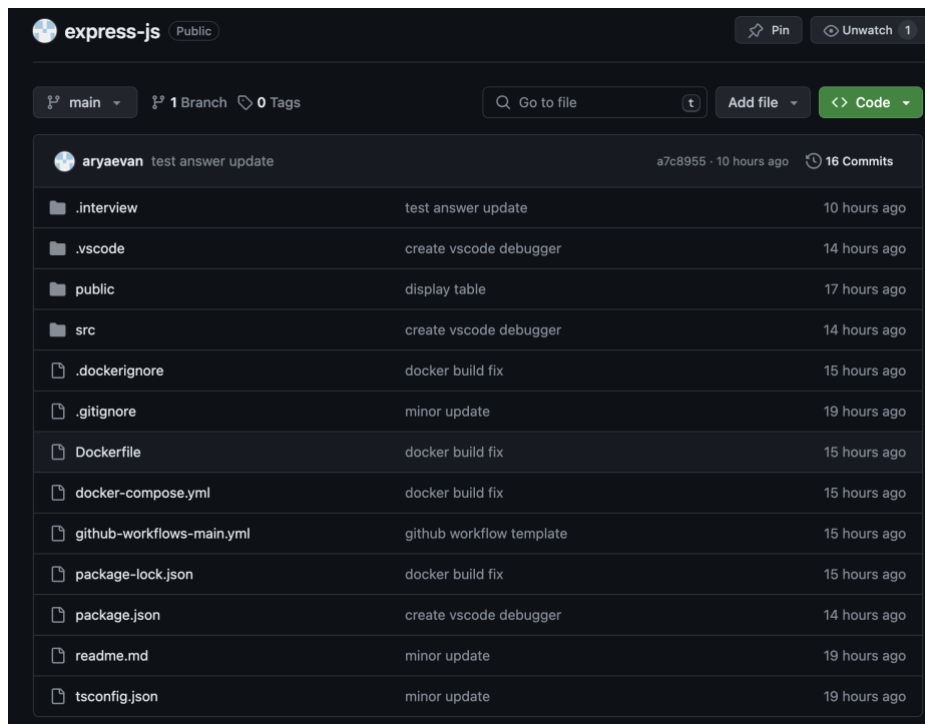
  info() {
    console.log(`Car: ${this.m} ${this.mod}`);
  }
}
```

Task 1. Kode yang sudah dikerjakan dapat diunduh di

<https://github.com/aryaevan/express-js/archive/refs/heads/main.zip>

atau di clone via

<https://github.com/aryaevan/express-js.git>



| File/Folder | Commit Message | Time Ago |
|---------------------------|--------------------------|--------------|
| .interview | test answer update | 10 hours ago |
| .vscode | create vscode debugger | 14 hours ago |
| public | display table | 17 hours ago |
| src | create vscode debugger | 14 hours ago |
| .dockerignore | docker build fix | 15 hours ago |
| .gitignore | minor update | 19 hours ago |
| Dockerfile | docker build fix | 15 hours ago |
| docker-compose.yml | docker build fix | 15 hours ago |
| github-workflows-main.yml | github workflow template | 15 hours ago |
| package-lock.json | docker build fix | 15 hours ago |
| package.json | create vscode debugger | 14 hours ago |
| readme.md | minor update | 19 hours ago |
| tsconfig.json | minor update | 19 hours ago |