

Test note:

1. Please answer all questions in English.
2. Please submit this test questions and answers in a single ZIP file.
3. Sending coding file might be blocked by the email provider even if it has been zipped. If so, then try changing the file extension to be a ".txt". If you changed the file extension, then please provide the original file type in the email.

Screening Test

LinkedIn - Set 1

1. If you work remotely (WFH), in which province you will be staying in?
DKI Jakarta. But i will move to Banten soon.
2. Are you able to work full-time (5 days a week, 8 hours per day)?
Yes, i'm able to dedicate my time in full time
3. Are you comfortable conversing in English?
Yes. I don't mind to speak english as my past experience required to speak english as well
4. Describe your git strategy as your version control system and best practices.
we should separate master and dev branch, and we have to create branch based on the task given. For example if we use jira as our agile method, we should assign our branch per jira task and if we have another task than create another branch. also, to handle conflict in git, i usually use git rebase and solve conflict commit per commit
5. Describe your experience in using Relational Database.
i use RDBMS almost all of my project. i've experienced use it along with both orm or sqlx (raw query). but recently i use raw query instead of orm because it gives faster performance. because of that i learn much feature on query like joining table, create sub query, processing the data before showing it on view table and so on as the requirement of the software is growing
6. (Optional) Describe your experience using Docker.
I use docker for basic deployment like create docker image or push it on docker hub. perhaps the more advanced thing that i use in docker is docker compose.
7. What are the traits of a good programmer in a remote environment (WFH)?
I think the most important thing that remote programmer should have is communication. We need to build a good communication to client or our manager to make sure that we delivered our job properly. Also we need to keep our integrity by delivering our job just in time.
8. If you are currently working, why are you looking for new job opportunities right now?
i believe join this company will put my career to next level. working in us startup company, of course it's a big challenge and i'm eager to face it because i'm very passionate to growth and love to gain extraordinary experience like this
9. Based on your experience, what software developer level are you in: Entry, Mid, or Senior?
I believe in Mid
10. (Optional, for Senior level) Describe your software design architecture experience.
i've made TSD (technical specified document) for a feature once. The feature is to see customer demography of an online seller. Because we handle a lot of data so i have to find out what is the most effective query and i end up using precomputed table to solve the problem
11. What is your main code stack?
I frequently use Golang as my main programming language, but not limited to javascript or typescript
12. In your view, what do you think a company should have to make you enjoy staying at the company?
The company should provide good compensation and good working environment like supportive teammates, blameless culture and so on
13. What is this method below for? Could you write a one-liner method replacing this method to be more readable and simpler?

```
const someMethod = (v: string): number => { var s = 0; for (var i = 0; i < v.length; i++) s++;return s; };
```


it's for counting how much letter in a word. it would be much simple if we just use v.length or if we need to make it on functional code like this

```
const someMethod = (v: string): number => v.length;
```

14. What is this method below for? Could you write a one-liner method replacing this method to be more readable and simpler?

```
const someMethod = (arr: number[]): number[] => arr.length > 0 ? [...(arr[0] % 2 ? [arr[0]] : []), ...someMethod(arr.slice(1))] : [];
```

those method is for filtering array and return only even number. to simplify this, we can write this function

```
const someMethod = (arr: number[]): number[] => arr.filter((num) => num % 2 === 0);
```