# 1. Question about yourself:

-Introduce yourself:

+Good afternoon, my full name is NTN, a last year student of HAUI. My major is SE and I have less 1 year practical experience of developing software app. I consider myself reliable, hardworking, pessimistic and extroverted. My hobbies are watching movies + reading books. During this time, I working and researching for my graduation on June. Also, Im interested in the Java Fresher of your company. So, here I am right now.

-What's your biggest strength

The ability to quickly master hard things. During the time in university, I’ve learnt different technologies in the module. And I always learn them really fast and reach the great mark for each subject.

The ability to product at an elite level, in terms of both quality and speed. Example, you can see in my CV. Other, there are some project on Github I don’t include in, like:

Teamwork: I believe that working like a team is the key to make victory. As they said Together we can change the world. During my last job, I’ve experienced with working in teams, also in my university.

-What's your biggest weakness

I can say that sometimes I could be too keen. I can show excessive enthusiasm that makes others uncomfortable or seem overbear. But now I’m aware of it and always think carefully before speak.

-What do you do in your spare time

Many activities I can tell you: play game, read book, listening music, watch youtube. These things make me relaxed after a work-harking day.

7. Why you choose this company

I’m interested in the growth of company, with great products. I used LG monitor of the company and I feel great. I attracted to what the company does, and the difference it makes. Attracted to the various career opportunities and possibilities. Im interested in possible foreign work experience.

-What makes you want this job

This job might be my next logical step. This job is perfect for my skillset, I ensure that I can contribute more the company. It’s what I always wanted to do.

-Where do you want to be in 5 years

+Same job, as long as you are still learning or doing a different job within the same company.

+Focus on broadening your skills but show ambition and desire to learn more

+Still at the company, broadening skills so you can contribute even more

# 2. Question about your job

**-Describe an achievement**

+Must have 3 achievements prepared

+If you only ask for 1, you can sneak in more

+Describe what you did, why it was hard, the impact it had on money saved or made

+Clearly state the link between what you did and the results

+Be modest, it's more believable

# 3. Question about knowledge

**-**HTML5: the latest version of HypterText Markup Language, used to structure web pages.

-CSS: Cascading Style Sheets: styling, animation, and responsive design for modern websites.

-Java Script: a dynamic scripting language that powers interactivity and login on web pages, essential for client-site development

+JQuery: a lightweight JavaSciprt library simplifying DOM manipulation, event handling, and AJAX requests

+BootStrap: a popular CSS and JavaScript library that provides pre-built, responsive design components for faster web development

+React.js: A javaScript library for building UI, particularly single-page apps, using a component-based architecture

+Thymeleaf: a server-side Java template engine for Java app, used with SB for dynamic HTML rendering

-Spring Boot: a framework that simplifies Java app development, offering auto-configuration and built-in support for microservice.

+Spring Security: a Spring-based framework for authentication and authorization, ensuring secure access for apps.

+Spring Data: A collection of libraries that streamline data access, making database interactions more efficient with minimal boilerplate code: Spring JDBC, Spring JPA

+RESTful API: A web service architecture that follows REST principles, enabling communication between client and server using HTTP methods.

+Message Queue: A system that allows asynchronous communication between distributed services, improving performance and reliability: RabbitMQ, Kafka, ActiveMQ

-DBMS: software that enables users to store, retrieve, manipulate and manage data

+RDBMS: uses structured tables with rows and columns

+NoSQL DBMS: designed for unstructured or semi-structured data, ideal for scalability (MongoDB, Cassandra)

-Version Control System: a tool that helps developers track changes to source code over time, revert to previous versions when necessary

-Docker: platform that enables developers to package apps and their dependencies into containers, ensuring consistency across different environments

-Design Pattern: Set of solutions written by advanced and experienced developers while facing and solving designing problems

+Creational pattern: design the instantiation process of objects. It uses the inheritance to vary the object creation: Builder

+Structural patterns: concerned with how classes and object are composed to form larger structures: Adapter

+Behavior patterns: concerned with algorithms and the assignment of responsibilities between objects: Iterator

-Java core:

+OOP: encapsulation (all important information + functionality of objet contained in this object), inheritance (new class, known as derived class or child class can use attributes + methods of superclass), polymorphism (an object can be displayed by more one forms/types), abstraction (provide general interface for all object, represent key features without including supporting implementation)

+static: define class-level members that belong to class than to instances, static variable: share across all instances of a class, static methods: called without creating instance, static block: used for initialization, static classes: nested class don’t require an instance of outer class.

+abstract class: can’t instantiated + inherited by other classes.

+3 key characteristics of objects: behavior, state, identity.

+Relationship between classes: dependence, aggreatation, inheritance.