Questions to Answer:

- What is the difference between API lifecycle management and API management?

API lifecycle management uses the concept of sdlc. Which is the sdlc the planning, design, developing, testing, deployment, and maintenance. That is organized na magiging roadmap mo in creating well-structured, and having maintainability throughout the lifecycle. On the other hand, _API management_ focuses on the internal factor wherein it revolves around the management of api. It makes the organization process seamlessly to provide better services to the clients or users.

- Explain the logic about API methods: <u>All safe methods are idempotent, but not all idempotent methods are safe.</u>

Nagbigayan ng grade sa portal, then nakita mo yung grade mo na yon then nirefresh mo to know if may nagbago ba or wala but then walang nagbago nung nirefresh mo.

Logging in your portal, the student id you input is incorrect but then you press the login button, it's invalid. The second time you input your correct id then press the login button it's invalid again because you forgot the password.

Refreshing your portal doesn't change anything, no matter how many times you repeat them. Mistakes have no effect.

Logging in your student id might change something the first time, but repeating the action doesn't make things worse.

Give a simple example of Composite API

School Management System. Kunyare you want to provide information about a student, their personal details, enrolled courses, and grades. Instead of making separate API calls to retrieve each piece of information, you can create a composite API that gathers everything in one.