

Kulina pre eliminary test

Answer_ Rinaldi Adrian

Basic Concepts

1. Coding

A. Example of code smell (1)

- Alternative Classes with different interfaces:
Two classes with identical functions but have different method name
- Preventive Action:
use uniform naming system for methods.
create modular functions as possible.
use linter to detect smelly codes

B. Dependency injection

Dependency Injection is design pattern, that remove dependency from an object. The removed dependency can be injected into the object via constructor, method, or setter.

Why it is Important ? :

Decreases coupling between object and dependency. So, the dependency impact can be reduced, allows code more maintainable.

2. Rest API

GET

Do's:

Use GET to retrieve data from the database

Return code 200 for valid GET request

Use pagination as needed

Use data caching as needed

Use plural for route name

Don't's:

Use GET to add, edit, or delete data

Use inconsistent or irrelevant route name

POST

Do's:

Use post to send data from client to API server to add data

Return code 201 after create data

Use plural for route name

Don't's:

Use POST to delete data

Use inconsistent or irrelevant route name