**Basic Concepts**

1. Coding
2. Give Example for code smell (1 example) which very common in OOP. Explain why, and give scenario to avoid.

* A bad example of code smell in OOP is importing another class in a class but never use it or declare it more than 1 (duplicate). The scenario to avoid this is to remove the unused imported class.

1. Explain about Dependency Injection with your own words and why we need Dependency Injection?

* Dependency Injection is some of the methods or ways to add another object to another class or even framework. Why we might need Dependencies Injection is to make process or testing easier.

1. REST

Give example at least one each of them, what we should and shouldn’t do when handle request with method below:

1. GET

* What we should :
* Pass the params that not contains any private information
* Only query command that should be doing in this method
* What we shouldn’t :
* Do not pass private information on parameter url

1. POST

* What we should :
* Secure the private information such a password, example: bcrypt(password)
* Do this for command operation only (changes data on database)
* What we shouldn’t :
* Do not pass the private information freely