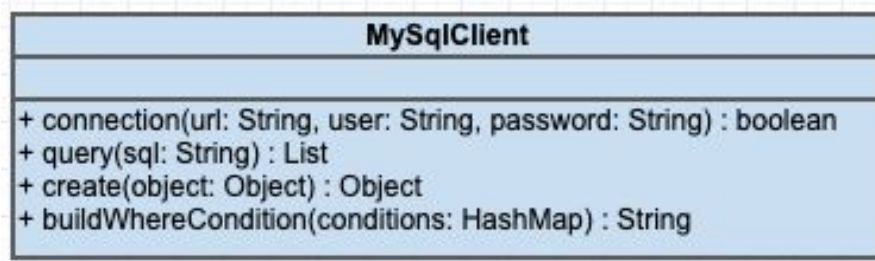<u>**Questions**</u>

Code quality

1. How can you assess the quality of code using static analysis? What metrics would you use?
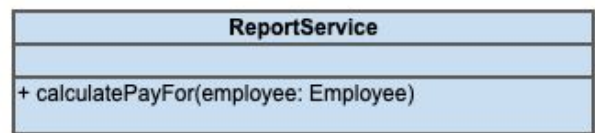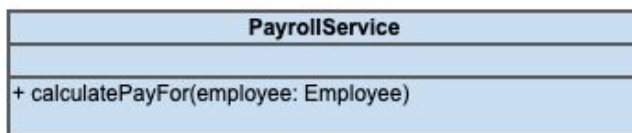
Coding

1. You have a final class. Is there any difference to call new static() or new self() in one of its methods?
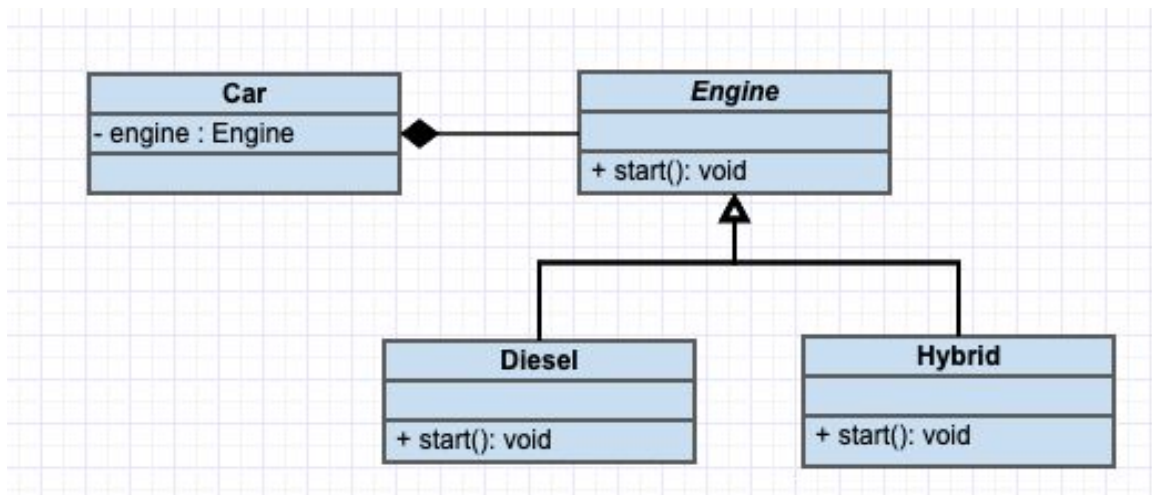
SOLID

1. What is wrong with this *class*?

MySqlClient
+ connection(url: String, user: String, password: String) : boolean + query(sql: String) : List + create(object: Object) : Object + buildWhereCondition(conditions: HashMap) : String

2. Why it was done like this?

PayrollService
+ calculatePayFor(employee: Employee)

ReportService
+ calculatePayFor(employee: Employee)

3. What is the name of the following pattern?
Could you describe and explain the type of connections between elements?
Could you describe the open-closed principle with this pattern?

4. What would you prefer to use Dependency Injection or Service Locator for object dependency management?

REST

1. We have an e-commerce application which allows us to buy and sell items. Which URL and HTTP method would you like to use to buy and sell one specific item?
2. When can we use PUT for resource creation?

Security

1. How to pass variables from GET query string to SQL expression?

Data Sources

1. What is the case to use a Repository pattern or DataMapper pattern? Is there any sense to have a Repository in PHP?
2. What is your opinion about Active record pattern?

Software architecture

1. What kind of architectural pattern do you usually use on your web-based projects?

Domain Driven Design

1. What is the main idea of Domain Driven Design?

Soft skills

1. How do you understand the acceptance criteria?
2. After code review, you received 20 comments regarding your code. You disagree with half of that, what would you do?

Code

1. Could you please provide us the best example of a project, which is designed and implemented by yourself? (It should be on a public git repository)