

S.O.L.I.D. principle of Object-Oriented Programming

SINGLE RESPONSIBILITY PRINCIPLE

Each class should have only one sole purpose, and not be filled with excessive functionality.

OPEN CLOSED PRINCIPLE

Classes should be open for extension and closed for modification. In other words, you should not have to rewrite an existing class for implanting new features.

LISKOV SUBSTITUTION PRINCIPLE

This means that every subclass or derived class should be substituted for their base or parent class

INTERFACE SEGREGATION PRINCIPLE

Interfaces should not force classes to implement what they can't do. Large interfaces should be divided into small ones.

DEPENDENCY INVERSION PRINCIPLE

Components should depend on abstractions, not on concretions.

Source: Clean code – A Handbook of Agile Software Craftsmanship | Robert C. Martin

What are wildcards in MySQL? What are they used for?

A wildcard character is used to replace many characters in a string.

Using wildcard characters with the LIKE operator. In a WHERE clause, the LIKE operator is used to look for a specific pattern in a column.

What is your favorite thing you learned this week?

I loved learning about how MySQL work and how to connect it to a client application using Java