

Design pattern questions:

What is ____ pattern?

When is ____ pattern to be used?

Give an example of ____ pattern.

Identify the design pattern used in the following code.

Features of JMeter platform

Software testing questions:

What is ____ testing?

What are advantages/disadvantages of ____ testing?

What are important features of ____ testing?

Write a ____ test case for the following code:

What is the output of following ____ test case?

What is the concept of the mythical man-month?

Differentiate between top-down and bottom-up software development.

SOLID principles questions:

What is the example of ____ principle?

What is the definition of ____ principle?

In which situations ____ principle is appropriate to use?

UML questions:

Explain the following UML diagram and answer questions.

Given a problem, draw the UML diagram.

Explain the following UML symbol.

Given a problem, draw a sequence diagram.

Multithreading questions:

What are the benefits of multithreading?

Define and give example of race conditions, deadlock, atomicity.

How to use reentrant lock?

Dining philosopher problem.

Graphics and GUI questions:

Similar to midterm

Event programming questions:

Similar to midterm

JSON and XML questions:

Similar to midterm and quizzes

Differentiate between JSON and XML

Debugger questions:

Similar to midterm and quizzes

Object Oriented Programming questions:

Similar to midterm and quizzes

Explain the three OOP principles with examples.

Software Development Lifecycle questions:

Explain various stages of SDLC.

A bunch of MCQ and program output questions