



HTTP SERVER DESIGN SG

This assignment is due by the date on the dropbox. Submit your document in .docx or .pdf format.

Read the *MVC and HTTP Server Design* presentation on mycourses. The following questions are based on that presentation.

Design Patterns:

- 1) In your own words, what is a design pattern?

- 2) Choose one of the following design patterns and do some brief research on it. Explain the pattern's use in your own words. ***Please indicate which pattern you chose.***

For some of the patterns, you can find descriptions here

<http://addyosmani.com/resources/essentialjsdesignpatterns/book/>

- Prototype pattern
- Factory pattern
- Mixin pattern
- Decorator pattern
- Façade pattern
- Observer pattern
- Publish Subscribe (pubsub)

- 3) In your own words, what is an architectural pattern?
- 4) What is MVC and what are the components of MVC?
- 5) What is MVVM and what are the components of MVVM?

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Rubric

DESCRIPTION	SCORE	VALUE %
Each answer is correct.		20 points each
Not submitted in a .docx or .pdf		-30%
TOTAL		100%

Submission:

By the due date please submit a .docx or .pdf of your answers for this assignment.
Do **NOT** submit in a zip. Please submit the raw .docx or .pdf file.