Web Programming II

Life Cycle of Applet: Init, Start, Stop, Destroy

Jsp (Java server page) 🡪 Java with <% %>

Servlet: Java with apple

Javabean: java with some other aspects

UML: Unified modeling language

**2/8/2022**

4 types of inner class

1. Member
2. Local
3. Static
4. Anonymous
5. Genetic

**2/10/2022**

GOF: Gang of Four

Group of Programmers that game up with 23 design pattern for programming

Creational: Factory, Abstract Factory, builders, prototype, singleton

Structural: Adapter, bridge, composite, decorator, façade, flyweight, proxy

Behavioral: Chain of Resp, Command, interpreter, iterator, mediator, memento, observer, state, strategy, template, visitor

**Midterm Review**

Multiple choice & Fill in the Blank: 25 Questions (95% from hw)

Analysis Questions: 8 Questions (From labs)

* Polymorphism Shapes (Fill in the Blank)
* Factory Design Pattern (Fill in the Blank)
* Internal and External Speaker (Fill in the Blank)

Design Questions: 1 Question (calculator)

* View
* Model
* Controller

HW Assignments 1 – 5

Labs {Poly: Inner / Vector: Design Pattern}

Project 1 will be last question of exam

**Final**

95% of Multiple choice and Fill in the blank questions are from **HW + Midterm**

Analysis = Midterm Exam

Design: Depict your MVC paradigm for ebookstore; **Must use MVC, forward Engineering, JSP Segment, JDBC Connection Pool**

USER 🡪 Request 🡪 EBOOKSTORE 🡨🡪 DB

🡨 Response 🡨

JSP Segment: Hide pages/ other info in WEB-INF

Controller Needed