FINALS

SCOPE

**SERVER-SIDE WEB SCRIPTING**

* JAVA (SERVLET AND JSP)
* PHP
* Node.js
* ASP.NET (if there’s still time)

**Java Programming Language Platforms:**

Java Platform, Standard Edition (Java SE)

Java Platform, Micro Edition (Java ME)

Java Platform, Enterprise Edition (Java EE)

* It used in larger scale
* Used in Development of Server
* Used for Java Web

Java EE versions:

Java EE 7 Web

Java EE 6 Web

Java EE 8 Web

**Web server/ Application Server:**

Java Web Application

In Netbeans in creating a web services you can either

* Apache Tomcat 8.0.27.0
* Glassfish server 4.1.1

Web Pages (folder)

* META-INF
* WEB-INF
* images

**Servlet**

**-** Serving Binary Content

- Handling Request Parameters (GET)

- Request Dispatching

**Java Servlet - JSP**

@WebServelet container

@WebServlet(name = “Hello Servlet”, urlPatterns = (“/HelloServlet”)

getInputStream() – Servlet Input Stream

getOutputStream() - Servlet Output Stream

@Override

protected void doPost(HttpServletRequest request, HttpServletResponse response)

throws ServletException, IOException { }

Portimage = request.getPart(“image”) – get the name

**Request Dispatching**

* **God Class –** a class that does a lot of things
* **Long Method –**
* **Divide & Conquer**

set/ get Atribute

request.setAttribute(“productlist”, productList);

request.setAttribute(“productlist”);

**include component** – either can be **static**, or **dynamic**

**Session Handling**

- “Stateless Http”

- extending Features : **Cookies**

-State of correlated transaction

**Extended Features**

**Cookies**

–small textual information, generated from the web application

- stored by the client in the browser (Cookie Jar)

- identifier

set.cookie.ck1

- non-persistent cookies

(as long as the browser is open)

- can set the time

- can set by HTTPS

HTTP – only can be access by javascript

Scoped objects

- context scopes

**PHP**

- does have many framework

- striplets to JSP

- there is a PHP API on Web services

- Switch in and out blocks in PHP

-Object-Oriented (close with Java)

echo- PHP print statement

Array – is an associative structured

<form action = “x.php” method = GET>

<input type = “text” name = “user”

<input type = “submit”>

</form>

isset function

isset ($\_GET[‘user’]

**Variable – SUPERGLOBALS:**

$GLOBALS

$\_SERVER

$\_GET

$\_POST

$\_FILES

$\_COOKIE

$\_SESSION

$\_REQUEST

$\_ENV