

NSBT
SERVLET - DAY 2 ASSIGNMENT

1. Create a form that accepts a name, password and pass it on to the servlet
 - a. The receiving servlet should check the name and password against a hard coded list of name-password pairs stored in a HashMap.
 - b. HashMap should be initialized with some dummy usernames and passwords in the constructor/init method of the servlet.
 - c. Servlet should return either 'Name/Password Match' or 'Name/Password Does Not Match' back to client.
2. In the above Question, use forward and redirect. If the username and password is correct, set a request attribute named "message" and the value for the same is "Name/Password Match". Forward the request using RequestDispatcher forward() method to another servlet and print all three values there – Username and password entered by user and the 'message' attribute.
If the password is incorrect, redirect the request to an error page using ServletResponse.sendRedirect()
3. In the above question, replace sendRedirect() method with sendError() method.
4. Write a servlet that redirects requests from one host to another host, giving an explanation to the client before the redirection. As we generally see during payment and request will be redirected to bank website.
5. Create a servlet that displays the servlet config and servlet context parameters. For this purpose, you can create more than one servlet.
6. Map error-code '404' with an underconstruction.html page. Whenever 404 error occurs, instead of showing the default error page, it shows 'underconstruction.html' page.
7. Map java.lang.Exception with an ErrorServlet.
8. Create a Customer Registration Form with the below mentioned fields:

| Name | Data Type | Screen Object |
|----------------|-----------|---------------|
| Customer Name | String | Text field |
| Date of Birth | LocalDate | Date |
| Email Address | String | Text field |
| Contact Number | String | Text field |
| Monthly Salary | Double | Text field |
| Gender | Char | Radio Button |

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|----------|--------------|-----------|
| Hobbies | String array | Check box |
| Location | String | Drop-down |

Generate customer id and password and return the same to the customer post successful registration.

