

## Servlet

1. Design a login page to accept username, password and validate user  
Create a ArrayList to store user class objects (username,password)  
  
Accept username and password for 4 users through web.xml file.  
If username found then display message authorised user.  
Otherwise display message "unauthorized user".
2. Design a web application to calculate tax for given income accept, gender  
Investment amt, loan amt  
 $\text{income} = \text{actual income} - \text{investment} - (\text{loanamt}/12)$   
If income is  $\leq 2.5$  lakhs then no tax for female  
If income is  $\leq 2$  lakhs then no tax for male  
Otherwise between 2.5 lakhs/2 lakhs ----- 6 lakhs then 20%  
Otherwise - 30%
3. Design application Similar to BookMyShow .com
4. Complete today's demo CategoryProductApp and DBConnectDemo to generate bill  
Using collections and using database connectivity{