Assignment 2 – Servlets

Theory Questions (**to be written in the Assignment Bluebook and submitted on or before 30th Sep 2019**)

1. Define the following –
2. Web Application
3. Web Server
4. Static Resources
5. Dynamic Resources
6. Servlet
7. Build Process
8. WAR
9. Deployment Process
10. Web Browser
11. URL
12. Write all the HTTP Request headers and HTTP Response headers.
13. Explain the Servlet Lifecycle in detail.
14. Differentiate between Servlet Request Dispatcher - forward and include.

Practical Questions (implementation to be shown before **30/09/2019**)

Implement the following

1. Differentiate between Request Dispatcher and send Redirect with example programs.
2. Create a Resume Wizard – supply default values whenever the user is missing entering values and also when the user enters
3. Design a web application to keep track of hit count with a header and footer design in the web page.
4. Build a Servlet program that opens data in simple excel spreadsheet to compares quantities of Apples and Oranges and sum up the two in the last column. Take about 4 quantities in 4 columns (Q1, Q2, Q3 and Q4). Two rows will be for Apples and Oranges. Take some random numbers as input. The input can be statically given in the excel in the Servlet.
5. Assume few seconds or minutes to be the idle time of the browser and automatically logout of the application (programmatically). The user should not be clicking on any log-out button or any hyperlink to achieve the same.