# 15. Servlets – Assignment

1. Create a Servlet which displays the current date in the browser
2. Create a Servlet which displays “Welcome to Servlets” in the browser window in the format Bold, font face arial, size=4 and color blue
3. Create a servlet that makes a bulleted list of four random numbers
4. Make a “registration” form that collects a first name, last name, and email address. Send the data to a servlet “RegisterServlet” that displays it.
5. Modify the above “RegisterServlet” to use a default value (or give an error message) if the user omits any of the three required parameters.
6. Make a variation of the previous servlet “RegisterServlet” and accompanying form, but, in this case, if the user fails to supply a value for any of the fields in the form, you should redisplay the form but with an error message saying that the value is missing. Don’t make the user reenter values that they’ve entered already
7. Pass username and password using initparam tag in web.xml and receive the values in a servlet using servletconfig.
8. Create a counter variable in context-param tag of web.xml and each time when the web application is accessed it should be increased by 1.
9. Create a Filter to filter the request from a particular ipaddress. If it is a filtered IP the access for a particular servlet should be forbidden. Otherwise, the request can be processed and give access to the relevant servlet.
10. Create a HTML form as follows



If user clicks on Add Cookie button, it should call ItemCookieServlet which adds Item Name and Item Qty into Cookies. If the user clicks on List Cookies it should display all the items which are added to the cookie.