**Assignment 10**

**Note: all the below programs need to be deployed and tested using the given server**

1. Create a Generic Servlet to display “Welcome to Servlets Programing” in plain text
2. Create an HttpServlet which receives a name parameter as query string and prints it on the browser with a greeting message
3. Create a Servlet and implement init, service and destroy methods and show that init and destroy methods are called only once and service/doXX methods are called per request.
4. Create an html form with

Name: text field

Email: text field

Submit button

Create an HTTP servlet which reads post (ed) data from the html form and responds with the details submitted.

1. Repeat the exercise 4 with a servlet creating the html form using out.println().
2. **Challenge Task**

Create an application with html and servlet where the html as two text fields and it takes 2 numbers as input with the following:

1. The fields cannot be submitted empty.
2. The form has four submit buttons (add,multiply,devide,subtract)
3. The Servlet does the mathematical task based on the button pressed.
4. The User gets the result on his browser
5. Take care of all exceptions and validations properly. You may use the technologies you learnt till date in our class room.