

Networked Systems Programming (A.Y. 2023/24)

Exercises (Lab) n. 9

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Write the servlets, deploy them in Tomcat (by using Eclipse) and try their execution by contacting the servlet engine with a Web browser.

Exercise 9.1

Write a HTTP servlet, named Echo. It receives some parameters (firstname=<nome> & lastname=<cognome>) from a GET request and replies the values to the browser.

Exercise 9.2

Write a HTTP servlet, named Calculator. It receives two operands and an operator (+, -, *, /), by using a form calculator.html, and returns the result of the operation to the browser.

Exercise 9.3

Write a HTTP servlet that returns to the browser the number of times *doGet()* has been invoked.

Exercise 9.4

Write a HTTP servlet that writes on a file (a parameter per line) the content of a registration form registration.html and sends a message with the body containing the string “<name>, your registration has been executed correctly”, where <name> is the value of parameter firstname in the form.

Exercise 9.5

Write a HTTP servlet to compare the users' credentials submitted through a form (login.html) with the registration information saved with exercise 9.4 and returns a different message according to the authentication result.

Upload the exercises of this lab into your shared folder before December 12, 2023.