

### **First programming assignment:**

You are to implement a calculator server that performs four operations: +, -, \*, and /, for clients. When a client submits an operation request with two operands, the server responds to the request by returning the result to the client. You have to implement both the server and the client-side programs.

The operands are **floating point numbers** with a precision of two digits after the decimal point. The client prompts the user to input an operator, two operands, the IP address of the server. Assume the port number is fixed at 4000. The server will print the computation result on its console. The client will do the same upon receiving the result from the server. In other words, both sides will show the same result on their screens.

Available programming languages and operating systems: C, C++, or Java over Windows OS or Linux/UNIX OS.

If you would like to use other programming languages or operating systems, contact TAs please.

Due date: Oct. 20, 2017.