02267: Software Development of Web Services

1.1 Software installation

- Install the OpenESB v3 software (includes the Netbeans IDE) and the Glassfish v4 application server on your computer. Instructions for installing the software can be found at `http://www.imm.dtu.dk/courses/02267`.

1.2 Web Service Implementation

- Implement a calculator Web service. The service has operations to add, subtract, multiply, and divide integer numbers

- Implement a JUnit test class that is using the Calculator service offering the operations `int plus(int a, int b)`, `int minus(int a, int b)`, `int mult(int a, int b)`, `int div(int a, int b)` on integers.

    - Write a test method for each operation `plus`, `minus`, `mult` testing the operation
    - Write two seperate test methods for `div`
        a) a division with a non zero divisor,
        b) a division where the divisor is zero.
    - What happens when you divide by zero?