Lab 1: feedback

Archives

- OK

Execution

- File sender:
    - no help message when wrong command-line arguments are provided
    - the program attemps to open a connection, but I can't guess to which host and port
- File receiver:
    - the port number cannot be user-defined (not a program argument)
    - when starting the program without arguments, the program blocks: seems to be waiting for connections, but I can't guess which port is used

Source code

- no documentation
- no `java.nio` library used
- File sender:
    - the host name, port number and file name should be obtained from the command line arguments (`args` argument of the `main` method)
    - `DataOutputStream` is not usefull here. Directly use `InputStream` to transfer binary data. Or even better: use `FileChannel#transferTo` in the `java.nio` API
    - use the *try-with-resources* construct to open and close resources, or, at least, close the resources in a `finally` block
    - for other classes in the next steps of the project to be able to use the file sender, you should split your `main` method and provide a public method with host, port and filename arguments to send a file
- File receiver:
    - *try-with-resources*: same remark
    - `DataInputStream` : same remark
    - to update the file name according to the mail ID, use `mailFile.updateFilename()` without condition (no `if`)