

Networks & Operating Systems Essentials 2

(NOSE 2)

Assessed Exercise 1: Tests Set

This document comprises a set of tests that are aimed to assess the functionality of the code submitted as part of the first assessed exercise. The tests are split into two categories: *easy* and *hard*.

The easy test weights 3 marks, while the hard test is worth 7 marks. If both tests are successfully completed, you will be awarded 10 marks. Partial marks might be gained if some parts of the tests are working. As part of the demo, we will ask you to trial your code using an easy and a hard test, randomly selected from the collection below.

Easy Tests

1. Demo the list command.
2. Transfer file with special characters in the file's name (e.g., /, \, ", \$, #, ", etc).
3. Upload/download an empty (0-sized) file to/from the server.

Hard Tests

1. Download/Upload an image (e.g., png, jpg) from/to the server.
2. Download/Upload a (very) large file from/to the server.
3. Demo how your solution handles connection drops.