**Student UID:**

# CS456/A1 Marking Sheet

## [10] Assignment Presentation (NOT awarded if everything else fails)

### [5] Makefile and README
-3 Makefile not present or not working
-2 How to compile and make the programs
-1 Where (which machines)?
-2 What are the executables and parameters?

### [5] Code Style & Comments
-3 Ports are built in as numbers
-2 If fixed ports fail the program doesn't use a different port
-2 More complicated than needed
-3 Poor comments
-3 No invalid/ missing parameter warnings
-3 Wrong input format

## [40] Negotiation Stage Using UDP Sockets

### [20] Active Mode
-15 Negotiation stage not working
-10 Incorrect/failed request (should be `PORT` with `<r_port>` and `<req_code>`)
-10 Incorrect/failed reply (should be `0` or `1` depending on `<req_code>`)
-3 Server does not print the `<n_port>`

### [20] Passive Mode
-15 Negotiation stage not working
-10 Incorrect/failed request (should be `PASV` with `<req_code>`)
-10 Incorrect/failed reply (should be `0` or `<r_port>` depending on `<req_code>`)
-3 Server does not print the `<n_port>`

## [50] Transaction Stage Using TCP Sockets

### [25] Active Mode
-20 Transaction stage not working
-15 Client not listening on `<r_port>`
-15 Server does not initiate TCP connection
-15 File not transferred
-10 Client does not save content into `<file_received>`
-5 Incorrect file contents

**[25] Passive Mode**

  -20 Transaction stage not working
  -15 Server not listening on `<r_port>`
  -15 Client does not initiate TCP connection
  -15 File not transferred
  -10 Client does not save contents into `<file_received>`
  -5 Incorrect file contents