**Homework 1 – PCD**

Protocoale implementate:

* TCP
* UDP

Mecanisme de trasmitere a mesajelor:

* TCP: streaming & stop-and-waiting
* UDP: streaming (UDP is stateless, no reason to use acks)

1. File data size: 35 bytes

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| Protocol | Mechanism | Nanoseconds |
| TCP | Streaming | 245901 |
| Stop-And-Wait | 231361 |
| UDP | Streaming | 427654 |

1. File data size: 65 248 bytes

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| Protocol | Mecanism | Nanoseconds |
| TCP | Streaming | 7566058 |
| Stop-And-Wait | 11184440 |
| UDP | Streaming | 6810392 |

1. File data size: 65 632 bytes

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| Protocol | Mecanism | Nanoseconds |
| TCP | Streaming | 5418806 |
| Stop-And-Wait | 6961782 |
| UDP | Streaming | error |

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| Protocol | Mecanism | Nanoseconds |
| TCP | Streaming |  |
| Stop-And-Wait |  |
| UDP | Streaming |  |

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| Protocol | Mecanism | Nanoseconds |
| TCP | Streaming |  |
| Stop-And-Wait |  |
| UDP | Streaming |  |