ENEL 869 – Lab 02

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Average time measure to conduct certain tasks

Adding two random 32-bit integers = 388 ns

Adding two random 64-bit integers = 527 ns

Multiplying two random 32-bit integers = 388 ns

Multiplying two random 64-bit integers = 527 ns

Dividing two random 32-bit integers = 458 ns

Dividing two random 64-bit integers = 2208 ns

Copying a 8-byte struct using the assignment operator = 416 ns

Copying a 128-byte struct using the assignment operator = 7597 ns

Copying a 1024-byte struct using the assignment operator = 1291 ns

Measurements using Scopy

Adding two random 32-bit integers = 329.61 ns

Adding two random 64-bit integers = 410.84 ns

Copying a 8-byte struct using the assignment operator = 545.67 ns

Copying a 128-byte struct using the assignment operator = 18,670 ns

Copying a 1024-byte struct using the assignment operator = 145,840 ns