Activity 1. Two algorithms with the same complexity

|  |  |  |  |
| --- | --- | --- | --- |
| n | loop2(t)  / 1000 | loop3(t)  /10 | loop2(t)/loop3 (t) |
| 810 | 77 | 63 |  |
| 2430 | 292 | 556 |  |
| 7290 | 901 | 5013 |  |
| 21870 | 3068 | 45088 |  |
| 65610 | 10525 | 403945 |  |
| 196830 | 33332 |  |  |
| 590490 | 110861 |  |  |
| 1771470 | 349888 |  |  |

Activity 2. Grow of the problem size

Activity 3. Taking small execution times

Activity 4. Operations on matrices

Activity 5. Benchmarking