Algorithmics	Student information		Date	Number of session
	UO:300895		4-2-25	1
	Surname: Franco Martinez			
	Name:Ivan			

Activity 1. [Factor1]

	Computer1
A1 Values	**Time(milliseconts)**
10000	1542
20000	6275
40000	25289
80000	102337(OoT)
160000	409404(OoT)
320000	(OoT)
640000	(OoT)

Activity 2. [Factor 2]

	Python	
	Computer1	Computer2
A1 Values	**Time(milliseconts)**	**Time(milliseconts)**
10000	1542	1212
20000	6275	4950
40000	25289	19690
80000	102337(OoT)	(OoT)
160000	409404(OoT)	(OoT)
320000	(OoT)	(OoT)
640000	(OoT)	(OoT)

Activity 2. [Factor 3]

	Python		Java(Comp
	Computer1	Computer2	WithoutOptimization
A1 Values	**Time(milliseconts)**	**Time(milliseconts)**	**Time(milliseconts)**
10000	1542	1212	74
20000	6275	4950	280
40000	25289	19690	1110
80000	102337(OoT)	(OoT)	4399
160000	409404(OoT)	(OoT)	17974
320000	(OoT)	(OoT)	71556(OoT)
640000	(OoT)	(OoT)	(OoT)

Activity 2. [Factor 4]

	CPU	RAM
Computer1:	i5-12400 2.50 GHz	16,0 GB
Computer2:	i5-12600 327.0 GHz	32,0 GB

	Python		Java(Computer 1)	
	Computer1	Computer2	WithoutOptimization	WithOptimization
A1 Values	Time(milliseconts)	Time(milliseconts)	Time(milliseconts)	Time(milliseconts)
10000	1542	1212	74	70
20000	6275	4950	280	250
40000	25289	19690	1110	1010
80000	102337(OoT)	(OoT)	4399	4096
160000	409404(OoT)	(OoT)	17974	17380
320000	(OoT)	(OoT)	71556(OoT)	(OoT)
640000	(OoT)	(OoT)	(OoT)	(OoT)

	Python		Java(Computer 1)	
	Computer1	Computer2	WithoutOptimization	WithOptimization
A2 Values	Time(milliseconts)	Time(milliseconts)	Time(milliseconts)	Time(milliseconts)
10000	191	145	10	8
20000	709	523	32	29
40000	2688	1978	117	108
80000	9832	7351	437	423
160000	36520	27529	1618	1583
320000	(OoT)	(OoT)	6200	6094
640000	(OoT)	(OoT)	22909	21998

	Python		Java(Computer 1)	
	Computer1	Computer2	WithoutOptimization	WithOptimization
A3 Values	Time(milliseconts)	Time(milliseconts)	Time(milliseconts)	Time(milliseconts)
10000	93	71	10	8
20000	363	262	32	29
40000	1324	1039	112	108
80000	5072	3700	412	396
160000	18486	13774	1536	1553
320000	(OoT)	(OoT)	5862	5094
640000	(OoT)	(OoT)	12998	11998