

Algorithmics	Student information	Date	Number of session
	UO:		
	Surname:		
	Name:		



Activity 1.

n	T(ms)
8	LoR
16	LoR
32	LoR
64	LoR
128	LoR
256	55
512	151
1024	448
2048	1460
4096	5382
8192	20778
16384	81662
32768	OoT
65536	OoT

The theoretical complexity is almost n^2 , and we can see that this matches with the values that we have obtained, as in the worst cases, we have almost n^2 complexity as when we increase size by 2, time increases by 4.