

Algorithmics	Student information	Date	Number of session
	UO: 276244	5/2/2021	1
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## Activity 1. Power of the CPUs

#	CPU	milliseconds	SC Mix (avg)	Operations
1	AMD A9-9420	459ms	55.4	25429
2	Ryzen 7 1700	167ms	97.8	16332
3	I7 8750h	237ms	109	25833
4	I7-8550U	299ms	94.1	28136
5	I5-10210U	270ms	102	27540
6	I7-8550U	325ms	94.1	30586
7	I5-7300HQ	289ms	89.5	25866
8	I7-10710	708ms	100.5	71154

**MY PC DATA IS IN YELLOW** (questions from task 1 and 2 from activity 1)

## Activity 2. Influence of the operating system

### 1. Which energy plan do you think is the most appropriate for making measurements?

High performance, as it provides more resources to the benchmark to run.

### 2. If you had to perform a very long experiment, could you use the computer to, for example, watch a YouTube video in the meantime?

You could do it, but it is not advisable, as the experiment would be affected by the pc running two programs at once (the experiment and the youtube video), and you could obtain worst and non-real results.

### 3. Do you think it is convenient to make several measurements simultaneously on the same computer?

If the aim of the experiment is to test the capability of the computer to run several programs simultaneously, I do. If each measurement is an independent experiment, it is advisable to do the measurements one after the other, because if they are run at once, the results will be altered.