CAMPUS VIRTUAL UPC / Les meves assignatures / 2021/22-01:FIB-270020-CUTotal / Unit 2.1: Understanding parallelism I

/ Questions after video lesson 2 (part 1)

Començat el dissabte, 18 de setembre 2021, 14:25

Estat Acabat

Completat el dissabte, 18 de setembre 2021, 14:26

Temps emprat 1 minut 17 segons

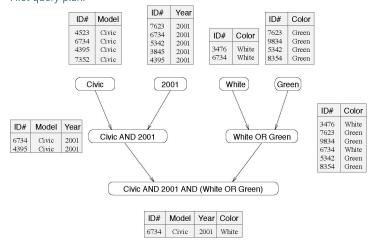
Qualificació 1,00 sobre 1,00 (100%)

Pregunta **1**Correcte

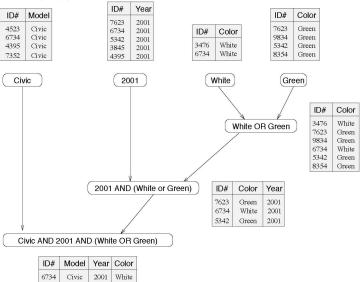
Puntuació 1,00 sobre 1,00

Given the following two query plans discussed in the last video lesson (slide 9 for the first query plan and slide 12 for the second query plan):

• First query plan:



• Second query plan:



If all tasks take the same time to execute, which of the two query plans provides more opportunities to execute tasks in parallel? Or in other words, which one would reduce more the total execution time if an unlimited number of processors were available?

Trieu-ne una:

- I don't have enough information to answer this question.
- I guess query plan 1.

Well done! The 2nd query plan requires 4 consecutive steps to complete, while the 1st query plan only requires 3, finishing its execution faster.

(I guess query plan 2.
(Both provide the same opportunities.
1 -	
Lā	a resposta correcta és: I guess query plan 1.
	▼ Video lesson 2 (part1)
	Salta a

Video lesson 2 (part2) ►