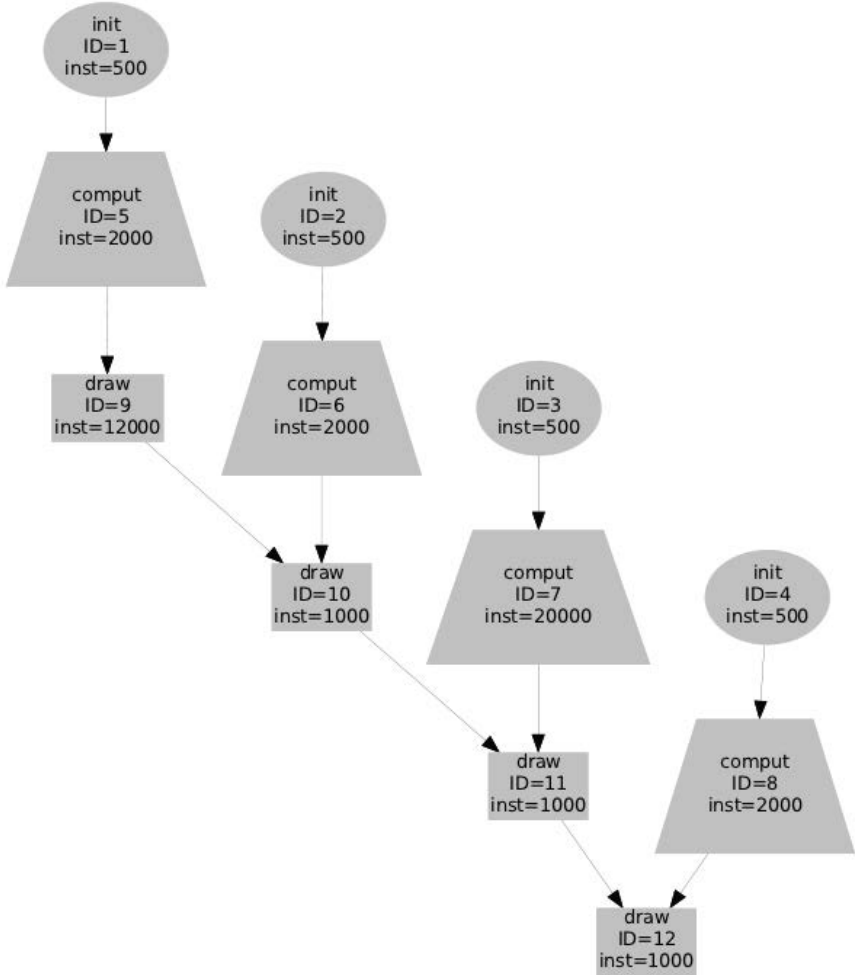|	
Començat el	dijous, 16 de setembre 2021, 16:23
Estat	Acabat
Completat el	dijous, 16 de setembre 2021, 16:35
Temps emprat	12 minuts 10 segons
Qualificació	**4,00** sobre 4,00 (**100**%)

Pregunta **1**

Correcte

Puntuació 1,00 sobre 1,00

Given the following task dependence graph (TDG). Each node is labeled with a name and also includes an identifier ID and cost inst in terms of the number of instructions.

The TDG could be expressed textually with the following table:

name	ID	inst	succesor ID task
init	1	500	5
init	2	500	6
init	3	500	7
init	4	500	8
compute	5	2000	9
compute	6	2000	10
compute	7	20000	11
compute	8	2000	12
name	ID	inst	succesor ID task

draw	9	12000	10
draw	10	1000	11
draw	11	1000	12
draw	12	1000	No successor

Observe that task *comput* with *ID=7* takes 10 times more that the other *comput* tasks and task *draw* with *ID=9* takes 12 times more than other *draw* tasks. Please, answer the following questions:

Which is the value for T_1?

Trieu-ne una:

- a.   12
- b.   43000   ✔   Well done!
- c.   78

La teva resposta és correcta.

La resposta correcta és: 43000

Pregunta **2**

Correcte

Puntuació 1,00 sobre 1,00

Which of the following sequences of tasks corresponds with the critical path in the task graph?

Trieu-ne una:

- 1, 5, 9, 10, 11, 12
- 1, 2, 3, 4, 8, 12
- 3, 7, 11, 12   ✔   Well done!

La resposta correcta és: 3, 7, 11, 12

Pregunta **3**

Correcte

Puntuació 1,00 sobre 1,00

Which is the corresponding value for T_∞?

Trieu-ne una:

- a.   35500
- b.   17500
- c.   22500   ✔   Well done!

La teva resposta és correcta.

La resposta correcta és: 22500

Pregunta **4**

Correcte

Puntuació 1,00 sobre 1,00

Which is the value of the *Parallelism* metric that could be obtained with this task graph?

Trieu-ne una:

- ○ a.   4
- ⊙ b.   1.91   ✔   Well
                                                                         done!

- ○ c.   2.45

La teva resposta és correcta.

La resposta correcta és: 1.91

◄ Video lesson 2 (part2)

Salta a...

Video lesson 2 (part3) ►