Concurrency

To have this assignment evaluated for the in-class exam, please upload on WeBeep a ZIP file including:

- the source code used to solve this assignment
- this file, with the table below properly filled

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	Preparing a new job probability	0,9487
	Executing a job at full speed probability	0,0411
	Executing a job during garbage collection	0,0061
	Throughput	0,0470 *jobs/second*
	State machine drawing:	

State machine drawing with states $idle_1$, max_2, gbc_3:
- $idle_1 \to gbc_3$: $Exp_{(\lambda=0.3s^{-1})}$
- $gbc_3 \to idle_1$: $Exp_{(\lambda=0.05s^{-1})}$
- $idle_1 \to max_2$: (arrow right)
- $max_2 \to gbc_3$: $Exp_{(\lambda=0.1s^{-1})}$
- $max_2 \to idle_1$: $Exp_{(\lambda=1s^{-1})}$
- $gbc_3 \to max_2$: $Exp_{(\lambda=0.4s^{-1})}$