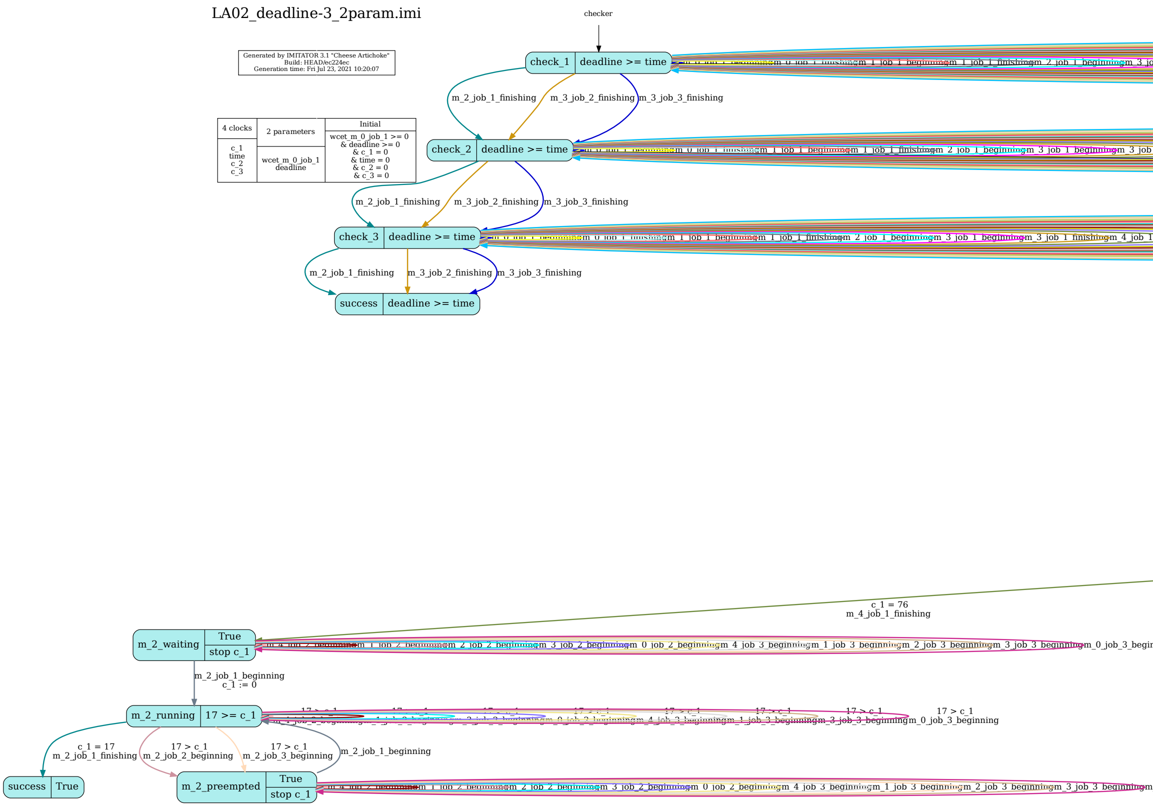
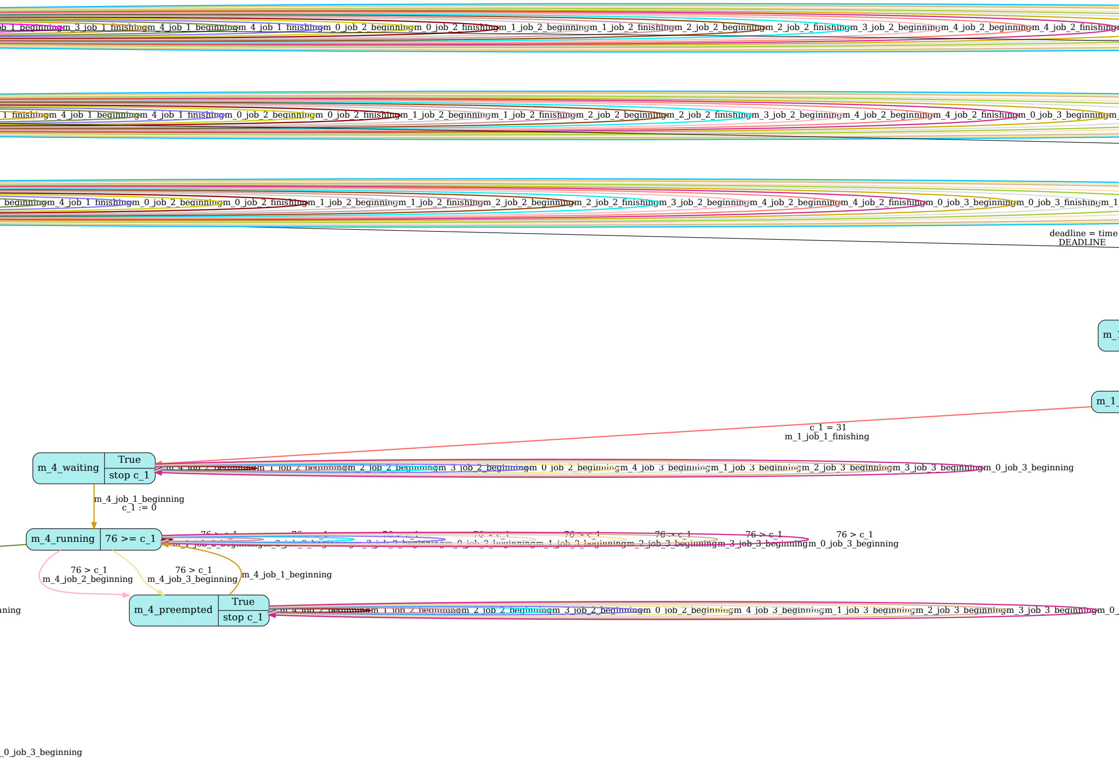
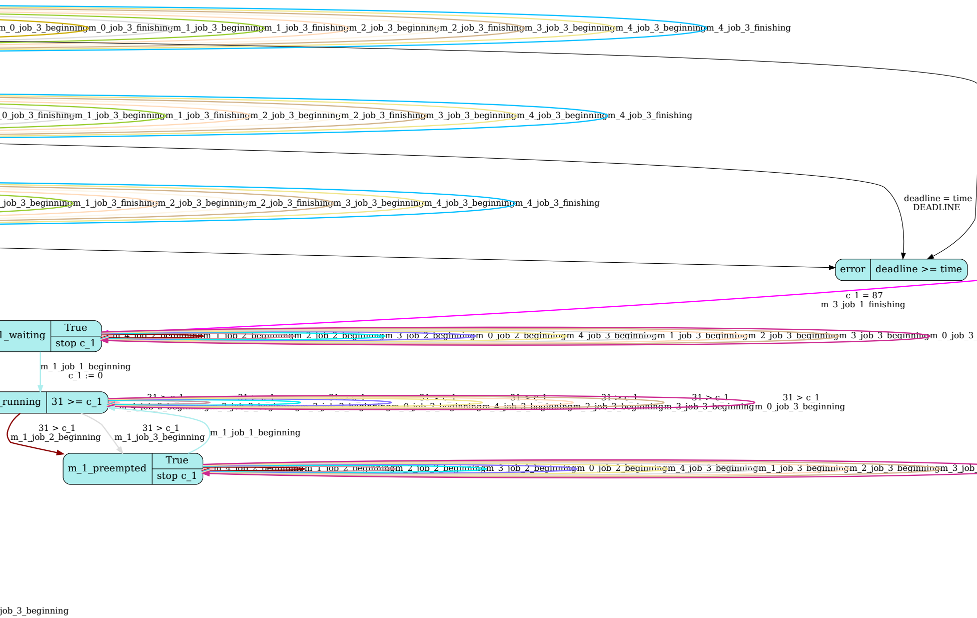
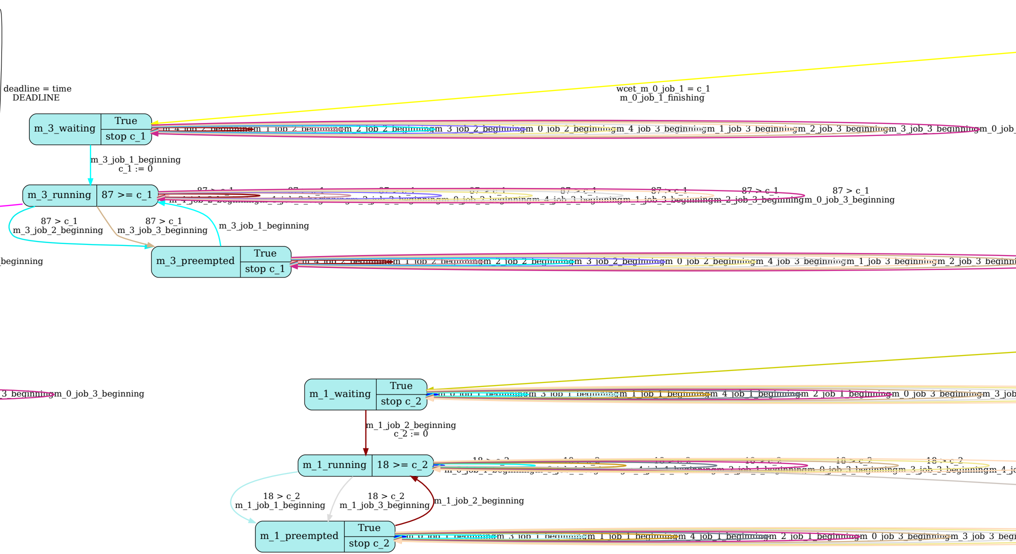
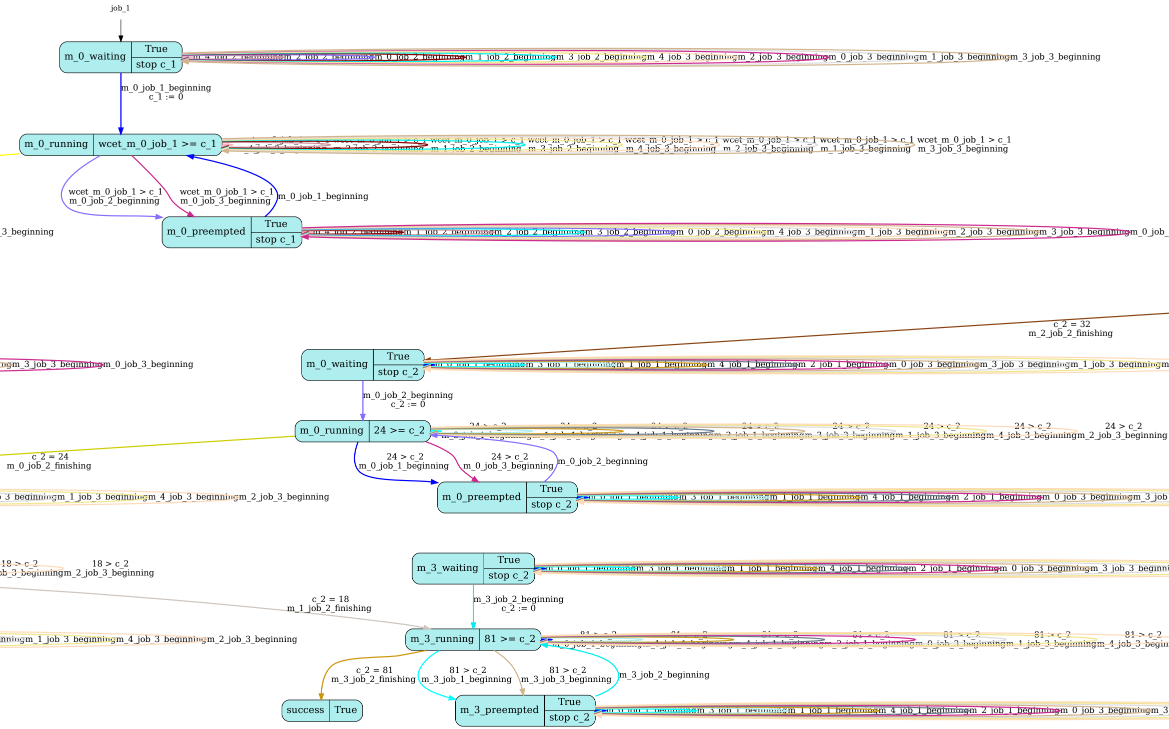
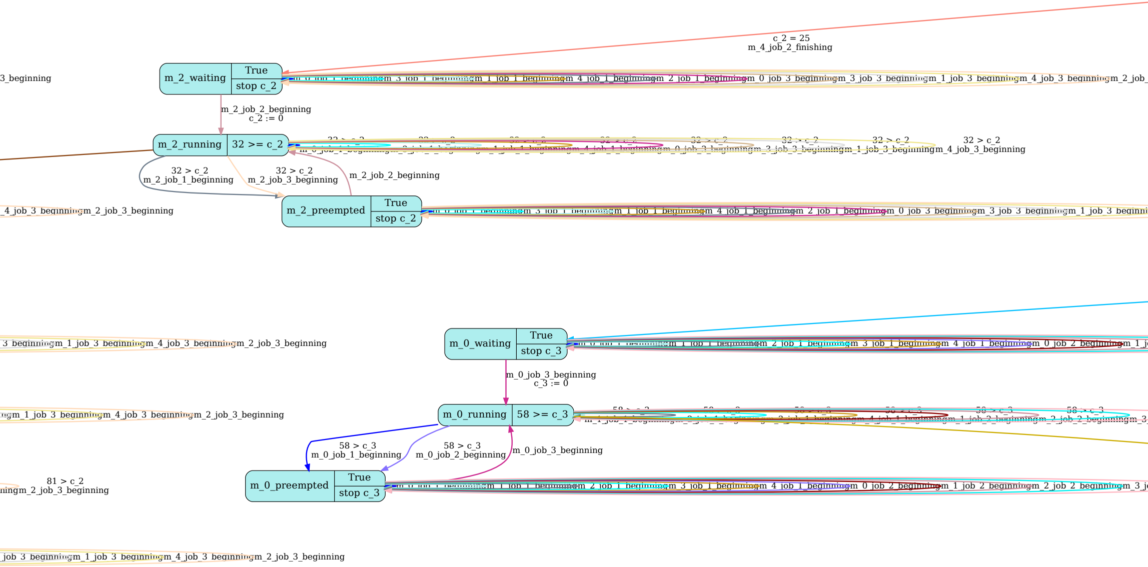

LA02_deadline-3_2param.imi
Generated by IMITATOR 3.1 "Cheese Artichoke"
Build: HEAD/ec224ec
Generation time: Fri Jul 23, 2021 10:20:07
4 clocks
c_1
time
c_2
c_3
2 parameters
wcet_m_0_job_1
deadline
Initial
wcet_m_0_job_1 >= 0
& deadline >= 0
& c_1 = 0
& time = 0
& c_2 = 0
& c_3 = 0
checker
check_1
deadline >= time
m_2_job_1_finishing
m_3_job_2_finishing
m_3_job_3_finishing
check_2
deadline >= time
check_3
deadline >= time
success
deadline >= time
c_1 = 76
m_4_job_1_finishing
m_2_waiting
True
stop c_1
m_2_job_1_beginning
c_1 := 0
m_2_running
17 >= c_1
17 > c_1
m_0_job_3_beginning
c_1 = 17
m_2_job_1_finishing
17 > c_1
m_2_job_2_beginning
17 > c_1
m_2_job_3_beginning
m_2_job_1_beginning
success
True
m_2_preempted
True
stop c_1

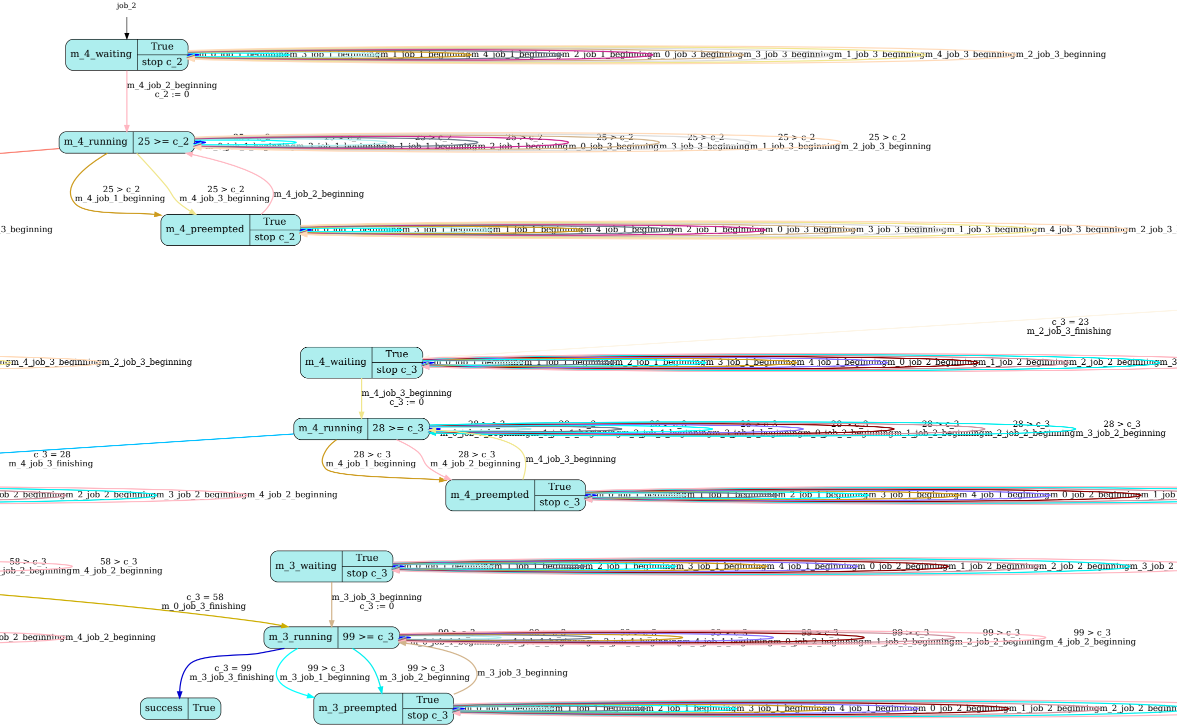

m_4_waiting
True
stop c_1
m_4_running
76 >= c_1
m_4_preempted
True
stop c_1
m_4_job_1_beginning
c_1 := 0
76 > c_1
m_4_job_2_beginning
76 > c_1
m_4_job_3_beginning
m_4_job_1_beginning
c_1 = 31
m_1_job_1_finishing
deadline = time
DEADLINE
m_3_job_1_finishing
m_4_job_1_beginning
m_4_job_1_finishing
m_0_job_2_beginning
m_0_job_2_finishing
m_1_job_2_beginning
m_1_job_2_finishing
m_2_job_2_beginning
m_2_job_2_finishing
m_3_job_2_beginning
m_4_job_2_beginning
m_4_job_2_finishing
m_0_job_3_beginning
m_0_job_3_finishing
m_3_job_2_beginning
m_0_job_2_beginning
m_4_job_3_beginning
m_1_job_3_beginning
m_2_job_3_beginning
m_3_job_3_beginning
m_0_job_3_beginning
76 > c_1
m_0_job_3_beginning
m_0_job_3_beginning

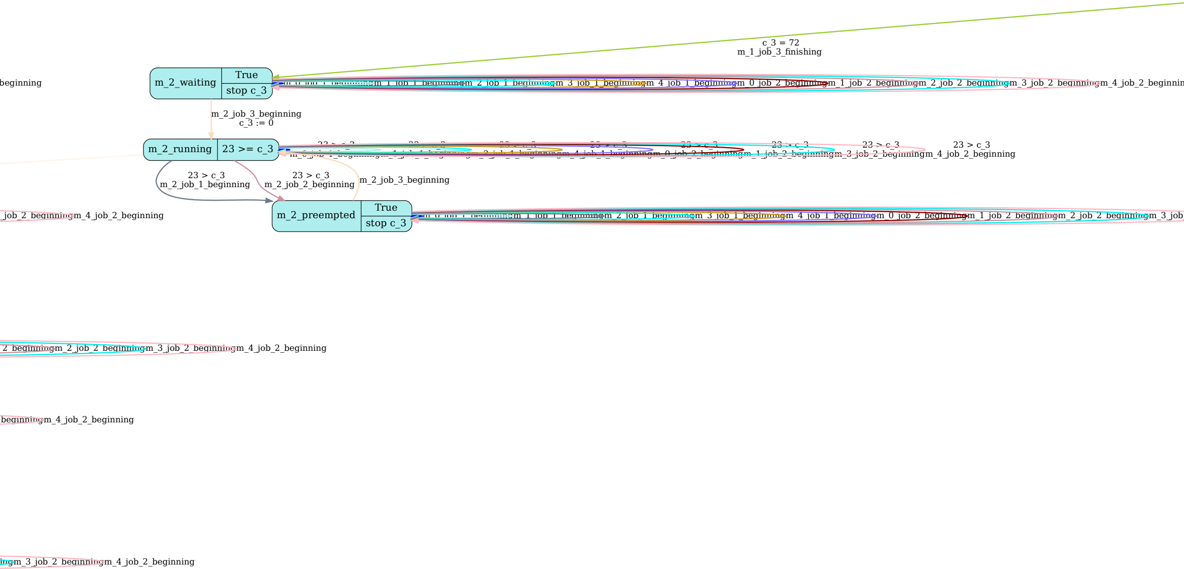

m_0_job_3_beginning
m_0_job_3_finishing
m_1_job_3_beginning
m_1_job_3_finishing
m_2_job_3_beginning
m_2_job_3_finishing
m_3_job_3_beginning
m_4_job_3_beginning
m_4_job_3_finishing
deadline = time
DEADLINE
error
deadline >= time
c_1 = 87
m_3_job_1_finishing
_waiting
True
stop c_1
m_4_job_2_beginning
m_1_job_2_beginning
m_2_job_2_beginning
m_3_job_2_beginning
m_0_job_2_beginning
m_1_job_1_beginning
c_1 := 0
_running
31 >= c_1
31 > c_1
m_0_job_3_beginning
31 > c_1
m_1_job_2_beginning
31 > c_1
m_1_job_3_beginning
m_1_job_1_beginning
m_1_preempted
True
stop c_1
job_3_beginning

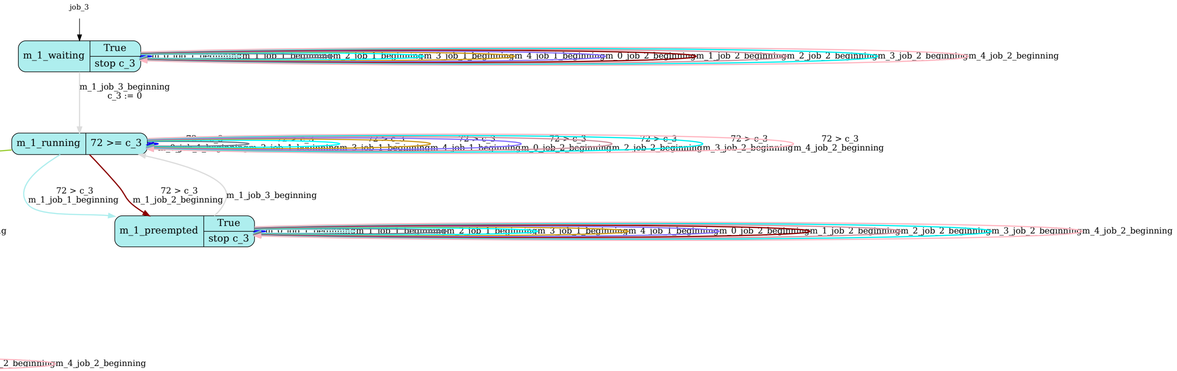

deadline = time
DEADLINE
wcet_m_0_job_1 = c_1
m_0_job_1_finishing
m_3_waiting
True
stop c_1
m_3_job_1_beginning
c_1 := 0
m_3_running
87 >= c_1
87 > c_1
m_3_job_2_beginning
87 > c_1
m_3_job_3_beginning
m_3_job_1_beginning
m_3_preempted
True
stop c_1
m_1_job_3_beginning
m_2_job_3_beginning
m_0_job_3_beginning
beginning
m_0_job_3_beginning
m_1_waiting
True
stop c_2
m_1_job_2_beginning
c_2 := 0
m_1_running
18 >= c_2
18 > c_2
m_1_job_1_beginning
18 > c_2
m_1_job_3_beginning
m_1_job_2_beginning
m_1_preempted
True
stop c_2


job_1
m_0_waiting | True | stop c_1
m_4_job_2_beginning m_2_job_2_beginning m_0_job_2_beginning m_1_job_2_beginning m_3_job_2_beginning m_4_job_3_beginning m_2_job_3_beginning m_0_job_3_beginning m_1_job_3_beginning m_3_job_3_beginning
m_0_job_1_beginning
c_1 := 0
m_0_running | wcet_m_0_job_1 >= c_1
wcet_m_0_job_1 > c_1 wcet_m_0_job_1 > c_1 wcet_m_0_job_1 > c_1 wcet_m_0_job_1 > c_1 wcet_m_0_job_1 > c_1 wcet_m_0_job_1 > c_1 wcet_m_0_job_1 > c_1 wcet_m_0_job_1 > c_1
m_4_job_2_beginning m_2_job_2_beginning m_1_job_2_beginning m_3_job_2_beginning m_4_job_3_beginning m_2_job_3_beginning m_1_job_3_beginning m_3_job_3_beginning
wcet_m_0_job_1 > c_1
m_0_job_2_beginning
wcet_m_0_job_1 > c_1
m_0_job_3_beginning
m_0_job_1_beginning
_3_beginning
m_0_preempted | True | stop c_1
m_4_job_2_beginning m_1_job_2_beginning m_2_job_2_beginning m_3_job_2_beginning m_0_job_2_beginning m_4_job_3_beginning m_1_job_3_beginning m_2_job_3_beginning m_3_job_3_beginning m_0_job_
c_2 = 32
m_2_job_2_finishing
ngm_3_job_3_beginningm_0_job_3_beginning
m_0_waiting | True | stop c_2
m_0_job_1_beginning m_3_job_1_beginning m_1_job_1_beginning m_4_job_1_beginning m_2_job_1_beginning m_0_job_3_beginning m_3_job_3_beginning m_1_job_3_beginning
m_0_job_2_beginning
c_2 := 0
m_0_running | 24 >= c_2
24 > c_2
m_0_job_1_beginning m_3_job_1_beginning m_1_job_1_beginning m_4_job_1_beginning m_2_job_1_beginning m_3_job_3_beginning m_1_job_3_beginning m_4_job_3_beginning m_2_job_3_beginning
c_2 = 24
m_0_job_2_finishing
24 > c_2
m_0_job_1_beginning
24 > c_2
m_0_job_3_beginning
m_0_job_2_beginning
3_beginningm_1_job_3_beginningm_4_job_3_beginningm_2_job_3_beginning
m_0_preempted | True | stop c_2
m_0_job_1_beginning m_3_job_1_beginning m_1_job_1_beginning m_4_job_1_beginning m_2_job_1_beginning m_0_job_3_beginning m_3_job
18 > c_2
18 > c_2
b_3_beginningm_2_job_3_beginning
m_3_waiting | True | stop c_2
m_0_job_1_beginning m_3_job_1_beginning m_1_job_1_beginning m_4_job_1_beginning m_2_job_1_beginning m_0_job_3_beginning m_3_job_3_beginni
c_2 = 18
m_1_job_2_finishing
m_3_job_2_beginning
c_2 := 0
nningm_1_job_3_beginningm_4_job_3_beginningm_2_job_3_beginning
m_3_running | 81 >= c_2
81 > c_2
m_0_job_1_beginning m_4_job_1_beginning m_2_job_1_beginning m_0_job_3_beginning m_1_job_3_beginning m_4_job_3_begin
c_2 = 81
m_3_job_2_finishing
81 > c_2
m_3_job_1_beginning
81 > c_2
m_3_job_3_beginning
m_3_job_2_beginning
success | True
m_3_preempted | True | stop c_2
m_0_job_1_beginning m_3_job_1_beginning m_1_job_1_beginning m_4_job_1_beginning m_2_job_1_beginning m_0_job_3_beginning m_3


c_2 = 25
m_4_job_2_finishing
m_2_waiting
True
stop c_2
m_2_job_2_beginning
c_2 := 0
m_2_running
32 >= c_2
32 > c_2
m_4_job_3_beginning
32 > c_2
m_2_job_1_beginning
32 > c_2
m_2_job_3_beginning
m_2_job_2_beginning
m_2_preempted
True
stop c_2
m_0_waiting
True
stop c_3
m_0_job_3_beginning
c_3 := 0
m_0_running
58 >= c_3
58 > c_3
m_0_job_1_beginning
58 > c_3
m_0_job_2_beginning
m_0_job_3_beginning
m_0_preempted
True
stop c_3
81 > c_2
m_2_job_3_beginning
m_1_job_3_beginning
m_4_job_3_beginning
m_0_job_3_beginning
m_3_job_3_beginning
m_1_job_1_beginning
m_2_job_1_beginning
m_3_job_1_beginning
m_4_job_1_beginning
m_0_job_2_beginning
m_1_job_2_beginning
m_2_job_2_beginning


job_2
m_4_waiting
True
stop c_2
m_4_job_2_beginning
c_2 := 0
m_4_running
25 >= c_2
25 > c_2
m_4_job_1_beginning
25 > c_2
m_4_job_3_beginning
m_4_job_2_beginning
m_4_preempted
True
stop c_2
m_0_job_3_beginning
m_3_job_3_beginning
m_1_job_3_beginning
m_4_job_3_beginning
m_2_job_3_beginning
c_3 = 23
m_2_job_3_finishing
m_4_waiting
True
stop c_3
m_4_job_3_beginning
c_3 := 0
m_4_running
28 >= c_3
28 > c_3
c_3 = 28
m_4_job_3_finishing
28 > c_3
m_4_job_1_beginning
28 > c_3
m_4_job_2_beginning
m_4_job_3_beginning
m_4_preempted
True
stop c_3
m_0_job_2_beginning
m_1_job_2_beginning
m_2_job_2_beginning
m_3_job_2_beginning
m_4_job_2_beginning
58 > c_3
58 > c_3
m_4_job_2_beginning
m_3_waiting
True
stop c_3
c_3 = 58
m_0_job_3_finishing
m_3_job_3_beginning
c_3 := 0
m_3_running
99 >= c_3
99 > c_3
m_4_job_2_beginning
c_3 = 99
m_3_job_3_finishing
99 > c_3
m_3_job_1_beginning
99 > c_3
m_3_job_2_beginning
m_3_job_3_beginning
success
True
m_3_preempted
True
stop c_3
m_1_job_1_beginning
m_2_job_1_beginning
m_3_job_1_beginning
m_4_job_1_beginning
m_0_job_2_beginning
m_1_job_2_beginning
m_2_job_2_beginning


c_3 = 72
m_1_job_3_finishing
m_2_waiting
True
stop c_3
m_0_job_1_beginning
m_1_job_1_beginning
m_2_job_1_beginning
m_3_job_1_beginning
m_4_job_1_beginning
m_0_job_2_beginning
m_1_job_2_beginning
m_2_job_2_beginning
m_3_job_2_beginning
m_4_job_2_beginning
m_2_job_3_beginning
c_3 := 0
m_2_running
23 >= c_3
23 > c_3
m_2_job_1_beginning
23 > c_3
m_2_job_2_beginning
m_2_job_3_beginning
m_2_preempted
True
stop c_3


job_3
m_1_waiting
True
stop c_3
m_1_job_3_beginning
c_3 := 0
m_1_running
72 >= c_3
72 > c_3
m_1_job_1_beginning
72 > c_3
m_1_job_2_beginning
m_1_job_3_beginning
m_1_preempted
True
stop c_3
m_0_job_1_beginning
m_1_job_1_beginning
m_2_job_1_beginning
m_3_job_1_beginning
m_4_job_1_beginning
m_0_job_2_beginning
m_1_job_2_beginning
m_2_job_2_beginning
m_3_job_2_beginning
m_4_job_2_beginning
g
_2_beginning
m_4_job_2_beginning