

We have taken a simple testcase. The inputs are given below

$S = 3$

$B = 2$

$C = 3$

$J = 4$

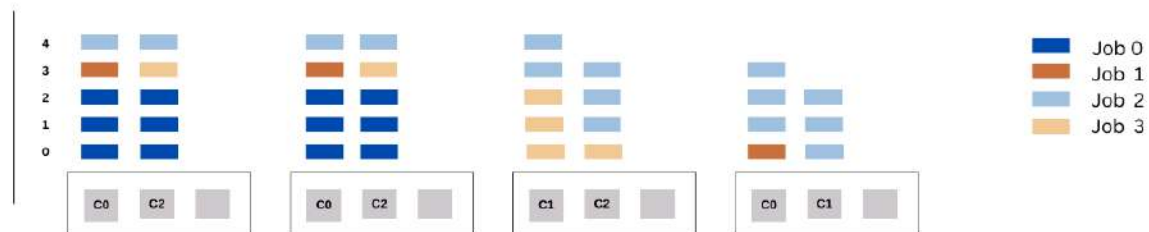
J0: $P = 6, D = 3, C = \{0,2\}$

J1: $P = 3, D = 4, C = \{0\}$

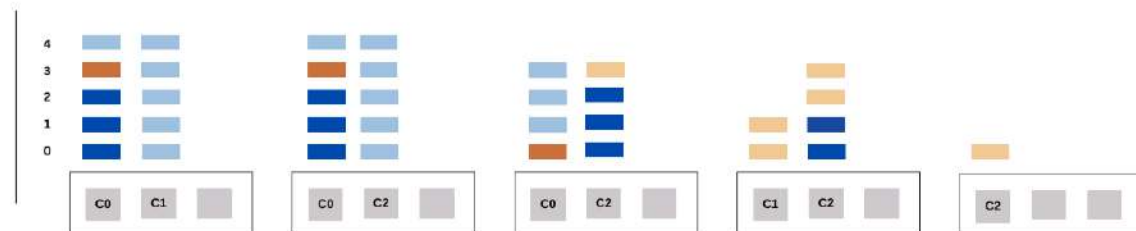
J2: $P = 5, D = 5, C = \{0,1,2\}$

J3: $P = 3, D = 4, C = \{1,2\}$

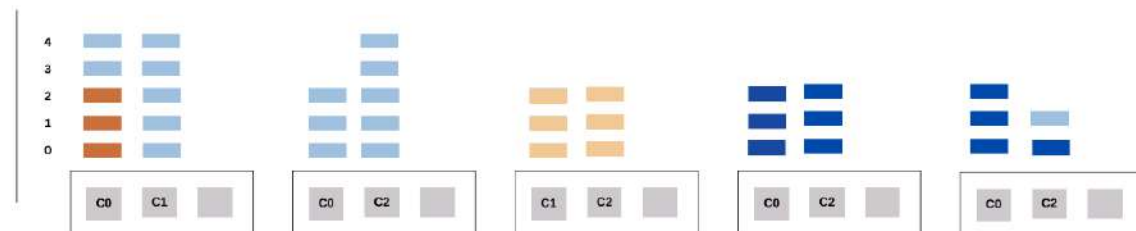
Corresponding schedules are given below. As it can be observed, , CRED-M obtains the minimum number of active node i.e. 4.



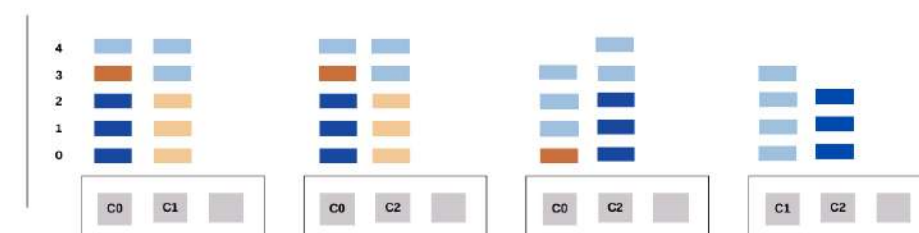
CRED-M ALGORITHM



FIRST FIT ALGORITHM



GREEDY ALGORITHM



EARLIEST DEADLINE ALGORITHM