Max-min algorithm

Or maximum of minimum

i.e., find minimum of individual tasks on different machines and then select maximum among them

repeat the process

|  |  |  |  |
| --- | --- | --- | --- |
|  | T1 | T2 | T3 |
| M1 | 140 | 20 | 60 |
| M2 | 100 | 100 | 70 |

Stage1

T1 -M2 = 100

T2 - M1 = 20

T3 - M1 = 60

Assign T1 to M2

|  |  |  |  |
| --- | --- | --- | --- |
|  | T1 | T2 | T3 |
| M1 | -1 | 20 | 60 |
| M2 | -1 | 200 | 170 |

Stage 2

T2-M1 = 20

T3-M1 = 60

Assign T3 to M1

|  |  |  |  |
| --- | --- | --- | --- |
|  | T1 | T2 | T3 |
| M1 | -1 | 80 | -1 |
| M2 | -1 | 200 | -1 |

Stage 3

T2-M1 = 80

Assign T2 to M1

|  |  |  |
| --- | --- | --- |
| M1 | T3 = 60 | T2 = 160 |
| M2 | T1 = 100 |  |

Thus, makespan = 100, longest executing task