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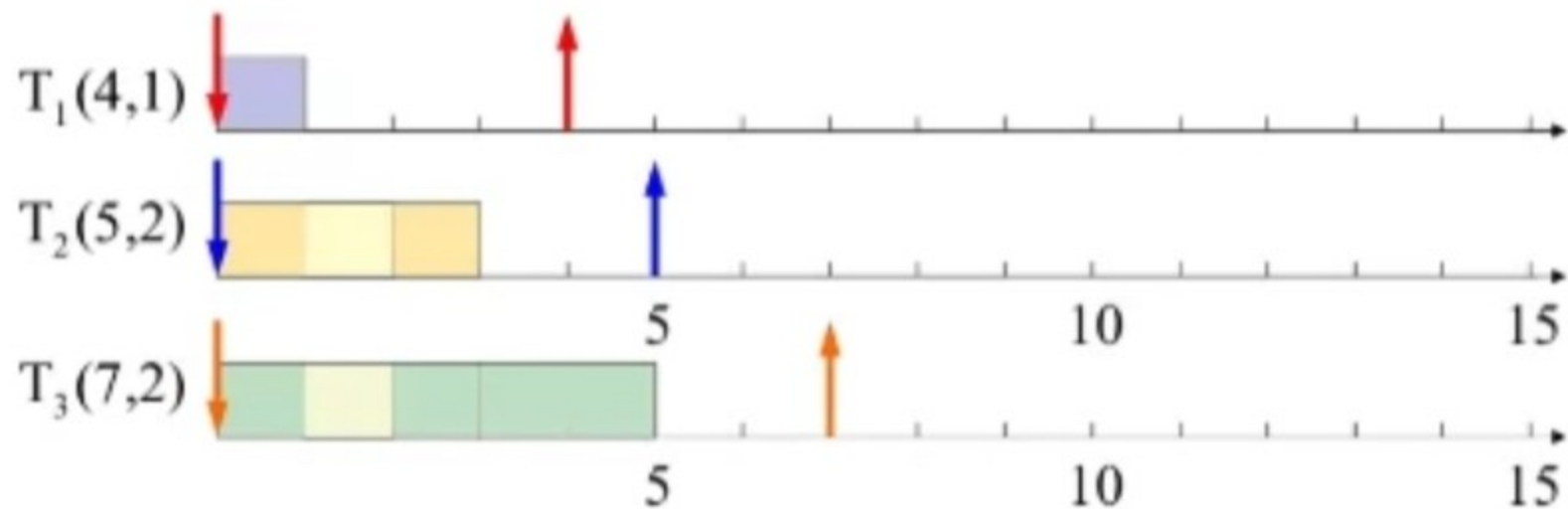
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## EDF (Earliest Deadline First)

- Optimal dynamic priority scheduling
- A task with a shorter deadline has a higher priority
- Executes a job with the earliest deadline



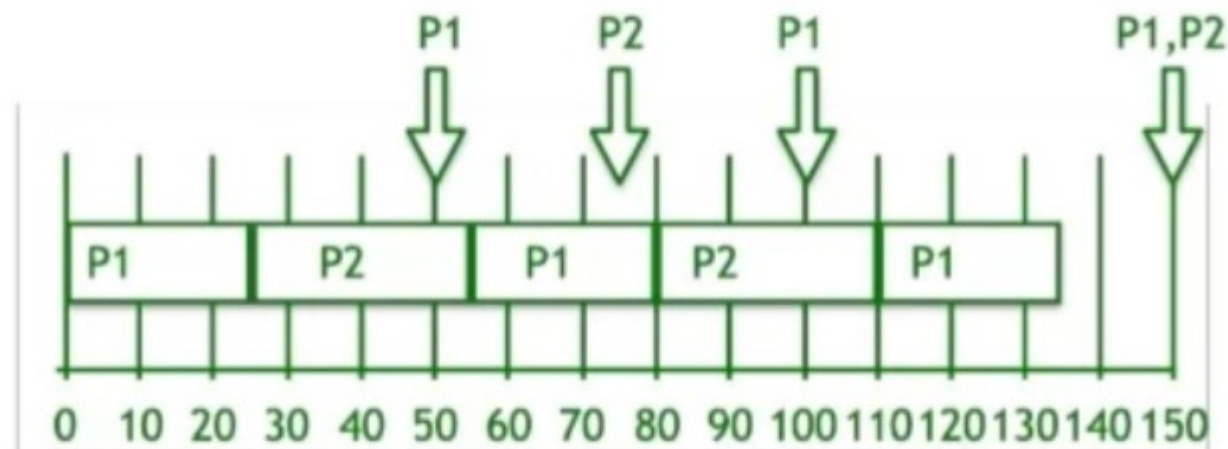


Let the period of P1 be  $p_1 = 50$

Let the processing time of P1 be  $t_1 = 25$

Let the period of P2 be  $p_2 = 75$

Let the processing time of P2 be  $t_2 = 30$



# EDF (Earliest Deadline First)

- Executes a job with the earliest deadline

