Earliest Deadline First (EDF) - Ognanic

Whenever an event occurs wheelvder most run again.
This time priority calculated by absolute deadline
Ocaline-covered value = 106 solute deadline?

Example

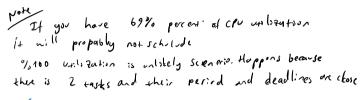
T1 (2,1), T2 (5,3) Give proving to closess deadline

Her period=10

Total the required=11 SNOT feasable



71 (2,1), Tz(5,25) =) fecusable



 $\begin{cases} \frac{e_{i}}{p_{i}} = \frac{1}{5} + \frac{2}{4} + \frac{5}{20} = \frac{19}{20} \\ \text{if greator than 1} \\ \text{its impossible} \end{cases}$



If you can make sure that no deadlines missed when a new task instance launched, there will be no dealine niss. But in real life you can't make here that because tasks effect each other and will delay each other according to used algorithm.

Computation and schelding will be done prior. Not in realthan

Least Slock Time First: LSF

Time that could be spert without missing the deadline

Assingment: S Second Assiagned: 3 Watchin Film: 1

FM ? :1

Slack Time

10 (Dealtine for each)

when a task assigned

to dead the changes therefore

slack time changes

Liv's 60012 123