





If α is the parallelisable proportion

then porallelisation

can at most remove

time taken by that

portion. So, speed up

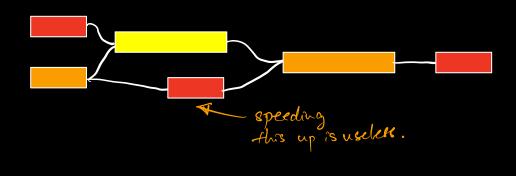
Total

left over = $\frac{1}{1-\alpha}$

max speed up
$$= \frac{T + T + T + T}{T + T}$$

$$= \frac{2T}{T + T}$$

- * Be careful about assumptions that goes into this.
- * Speed up need not come from parallelisection.
- * Mutiple parts could get speed up of different amount.
- * "Task depurding graph night not be lavar"



Question:

Both are parallelisable, but you only have another worker to spare. Which task should you parallelise?