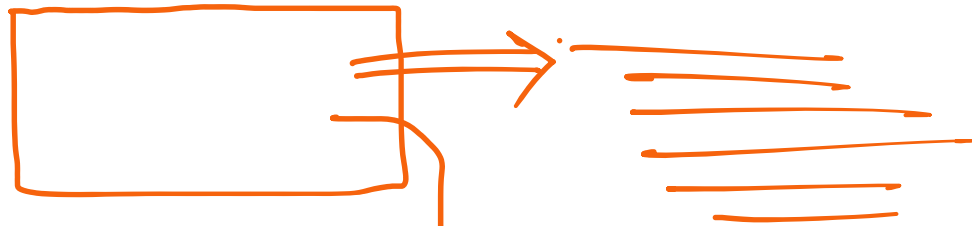
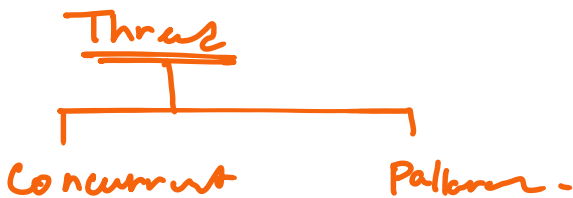


# Threads

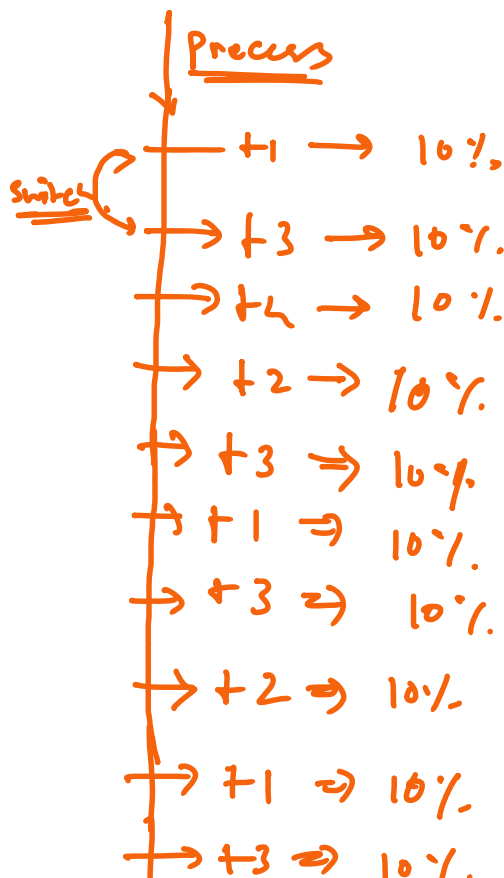
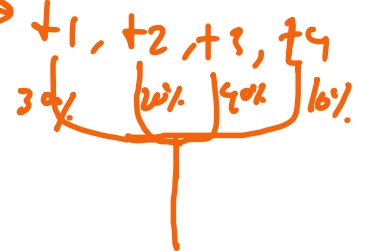
CPU  $\Rightarrow$  Processors  $\rightarrow$  dual core,  
Single core,  
quad core



$\rightarrow$  Light Processes are called threads.



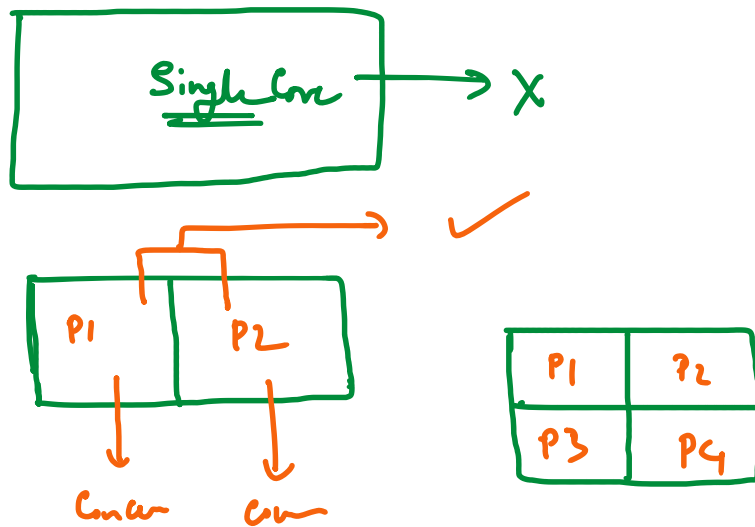
Task  
1 min



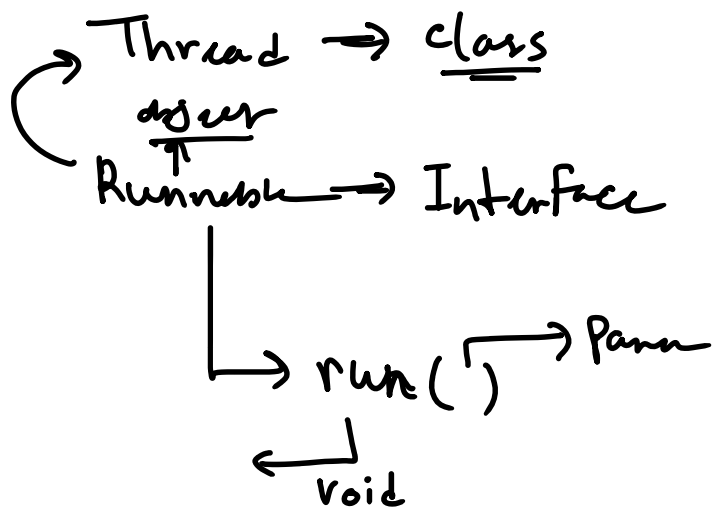
## Context Switch

t4  $\Rightarrow$  10% 0%  
t1  $\Rightarrow$  30% 20% 10%  
t2  $\Rightarrow$  20% 10% 0%  
t3  $\Rightarrow$  40% 30% 20% 10%

$\uparrow + 1 \Rightarrow 10\%$   
 $\uparrow + 3 \Rightarrow 10\%$

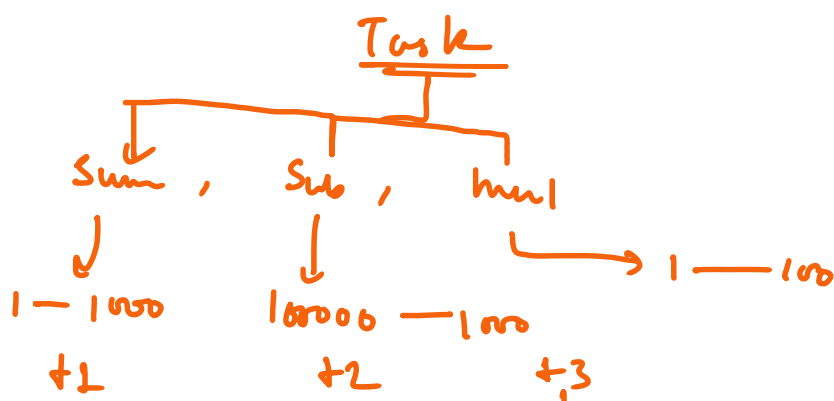
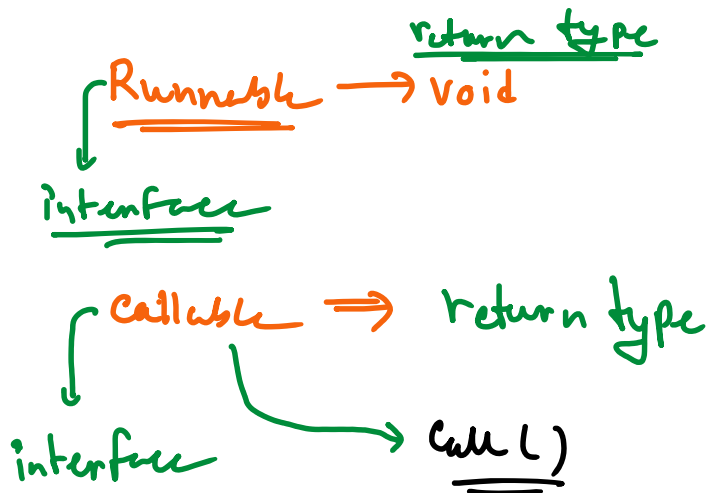
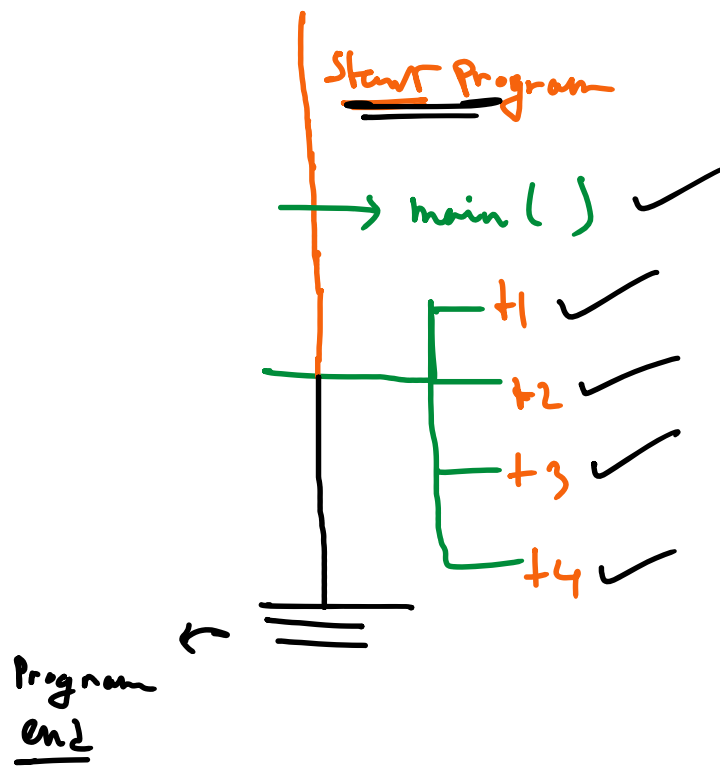


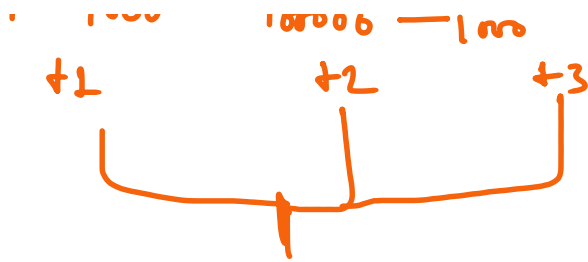
How to Create Thread ?



`t1.start()`

`t1.run()`;





Primer values  $\Rightarrow$  Calculate