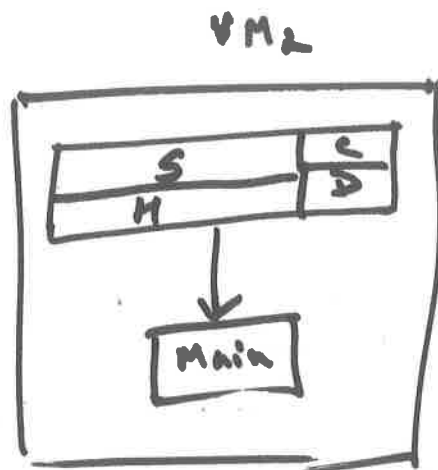
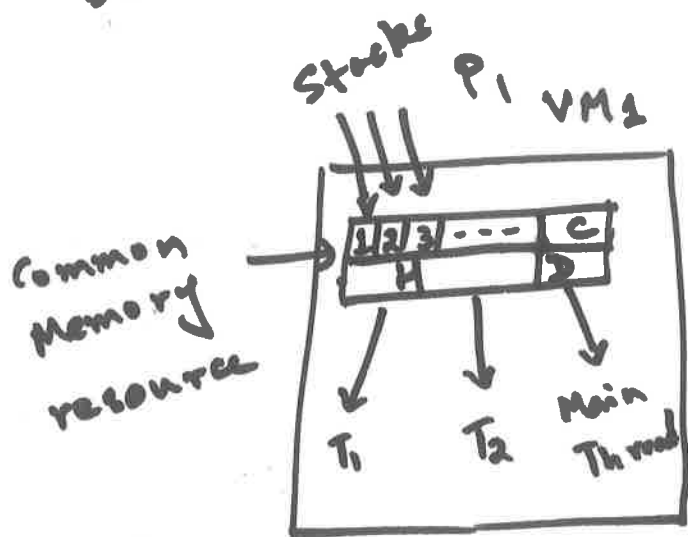


CSE
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C → code

D → global Data

H → Heap

$B_w \rightarrow$ ^{Threads} memory band width

↳ In 1 second how much Data can a thread consume?

$T_1 \rightarrow B_{w_1}^R \rightarrow$ required bandwidth for thread T_1 .

$$\sum_{\forall i} B_{w_i}^R \gg B_w^{\max}$$

(2)

Completely Fair Scheduler (CFS)

$$\nexists \sum_{\forall i} B_{wi}^R > B_w^{\max}$$

$B_{wi}^A \rightarrow$ Allocated band width for Thread $_i$

$$B_{wi}^A = \frac{B_{wi}^R}{\sum_{\forall i} B_{wi}^R} \times B_w^{\max}$$