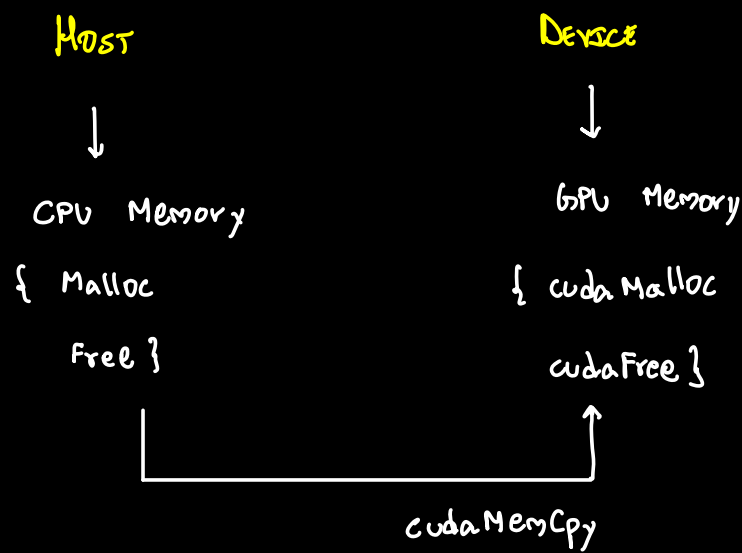


CUDA:



N : number of "blocks"

↓
group of threads that share
a scratchpad

↳ number of threads per block
 $\llcorner N, t \gg$
↳ number of blocks

blockIdx.x → Block ID

threadIdx.x → Thread ID.

blockDim.x → Number of threads per block
(t).