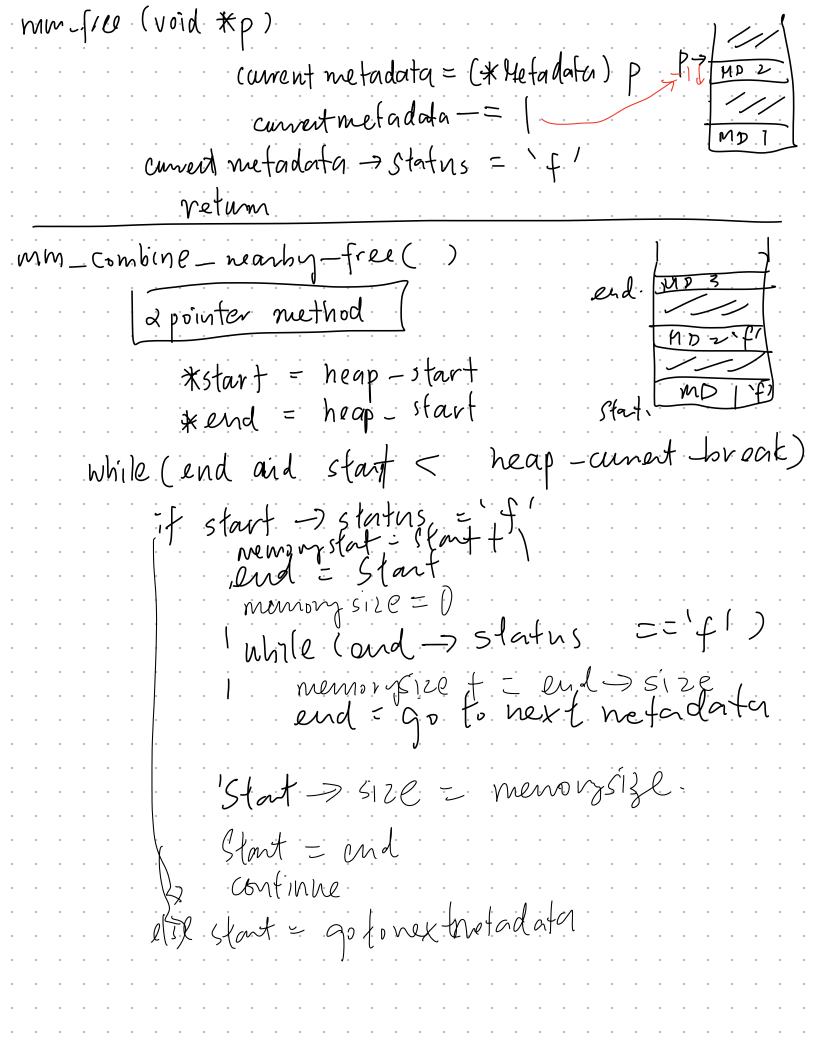
let temp-slant = heap-stant mm. malloc tempered = news current brook vav: *heap-stant while (temp-start <= temperal) * heap-end current metadata = temp-start * heap-current-broak size = metadata => size if currentmeta > status = 'f' and | size > = tanget-size 5126 Size = 0. ? -> found else (not found) temp-start += pheta datasize Iterate through the metadoxa blocks ort of mulo 1000) Found a size fit block newmeta = mm_Sbrk (Size + metados) change the metadata ner metadata -> size = size -> status = 'o' status to 10% return remetadata+1 save a pointer pointing to the address (target) after metadata (9 bytes after) do split (Keld metadata pointer *tangel) 1. Thock of need to do split remajn=01d meta > size - s', zetar if romain <= size of metadata (9 bytes) . else (can split. New metadoita = target + sizetar · hew metadata -> size = remain-9(meva)

-> stafus = \f', (use var) return target



* void * = chan * (1 byte for each +1)

* typeconting (void *) name