

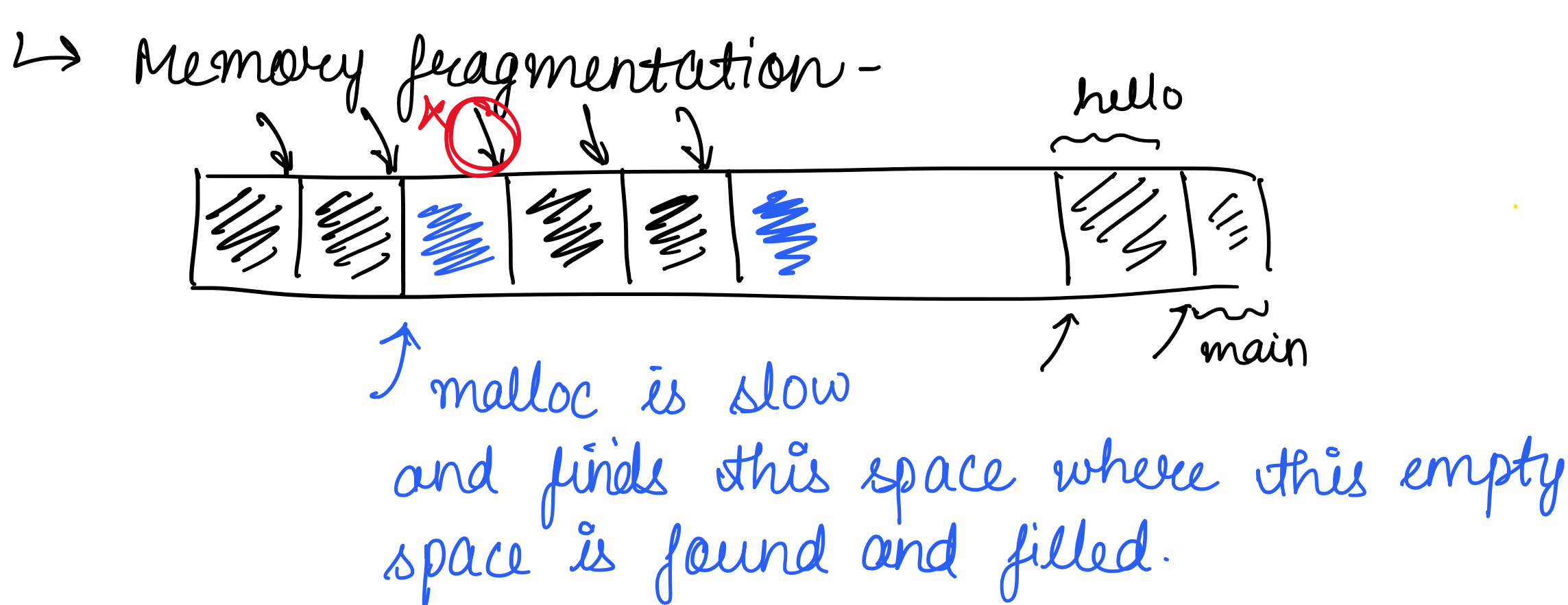
→ Call by value / Call by reference
 &(variable name)
 reference of location
 modifications are not available /
 shown outside while in reference
 they are still visible outside

Q → Why reference is faster?
Instead of devoting large memory for
saving data again we only save 8 bytes
corresponding to reference

- 4096 pointers → linked lists
- ↳ basic mapping so collisions are
sorted, don't use
- ↳ check whether collisions are taken
or case of i.e. get 2 entries on
linked list.
- ↳ Hash functⁿ aren't being judged

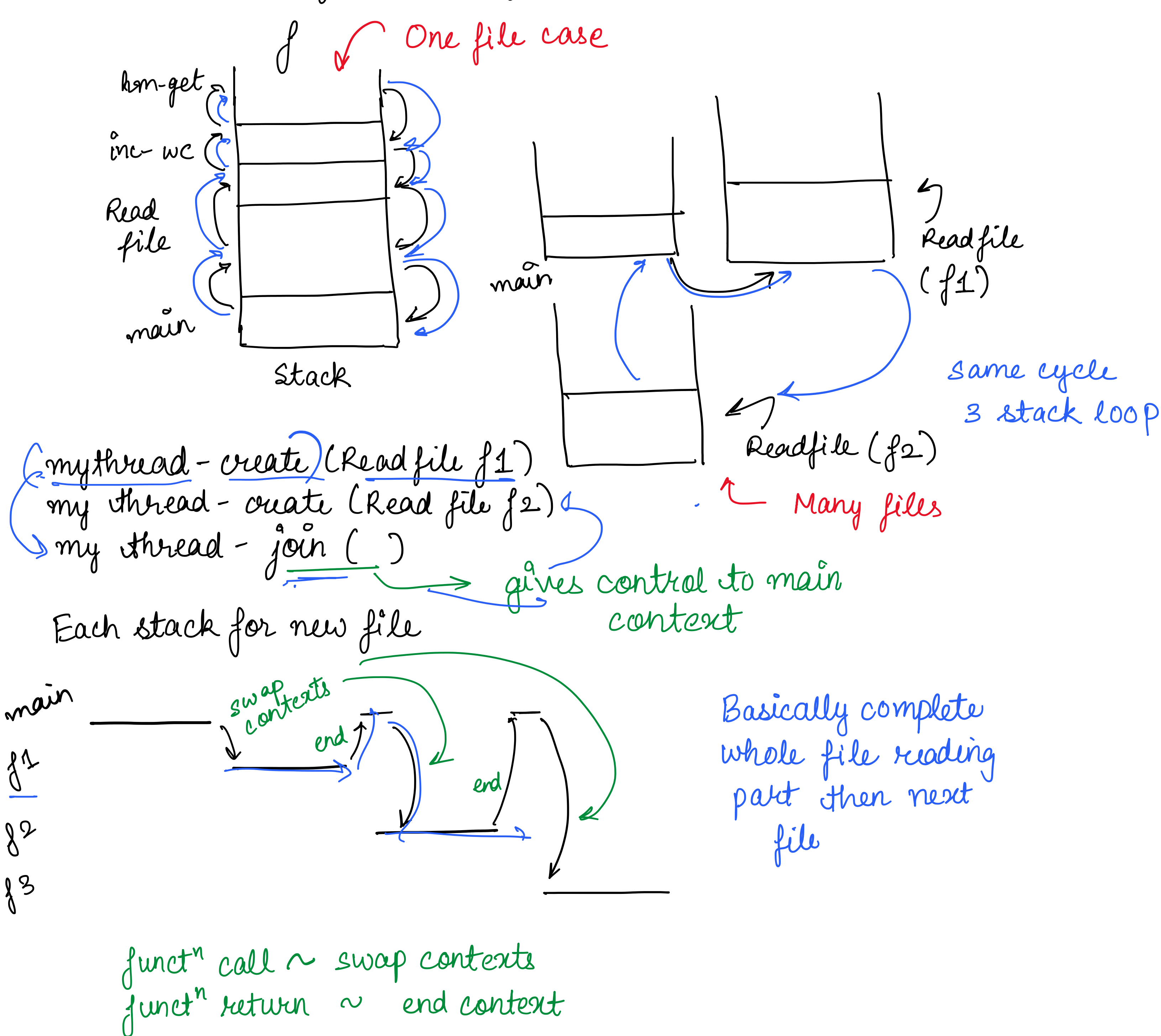
Q → Why heaps are worse than stacks?

- ↳ memory leaks, stacks do automatic memory
management, local variables are reclaimed
automatically, For heaps you'll have to
allocate free to memory by yourself so you
might run out of memory

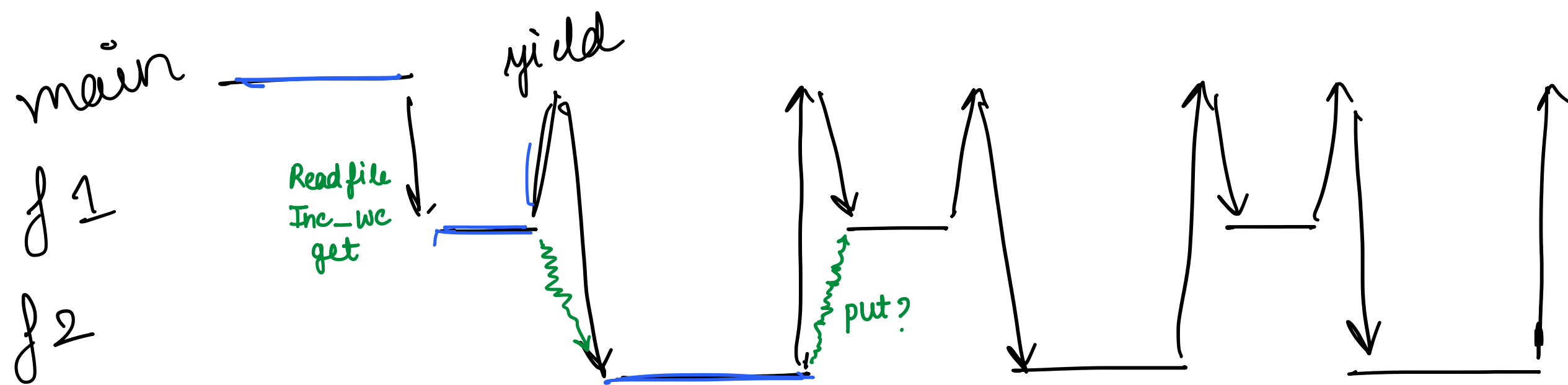


→ Heaps on the other hand just leave the space
free

Used or large memory allocation



Here contexts are not run to completion



keep in linked list (f1 f2 f3 f4 ...) → This runs word by
word on files /
switches files

pointer maintain about where we are

yield call ~ swap context (basically walking around list)

mythreadyield

acquire bucket

Inc wc

get

yield

put

Release bucket

HashMap maintains
count

- Incorrect
without locks
- Concurrently both
contexts try to
run the read file
(Race Condition)

x, y

(wa) Ha

cond

x, y

□

□