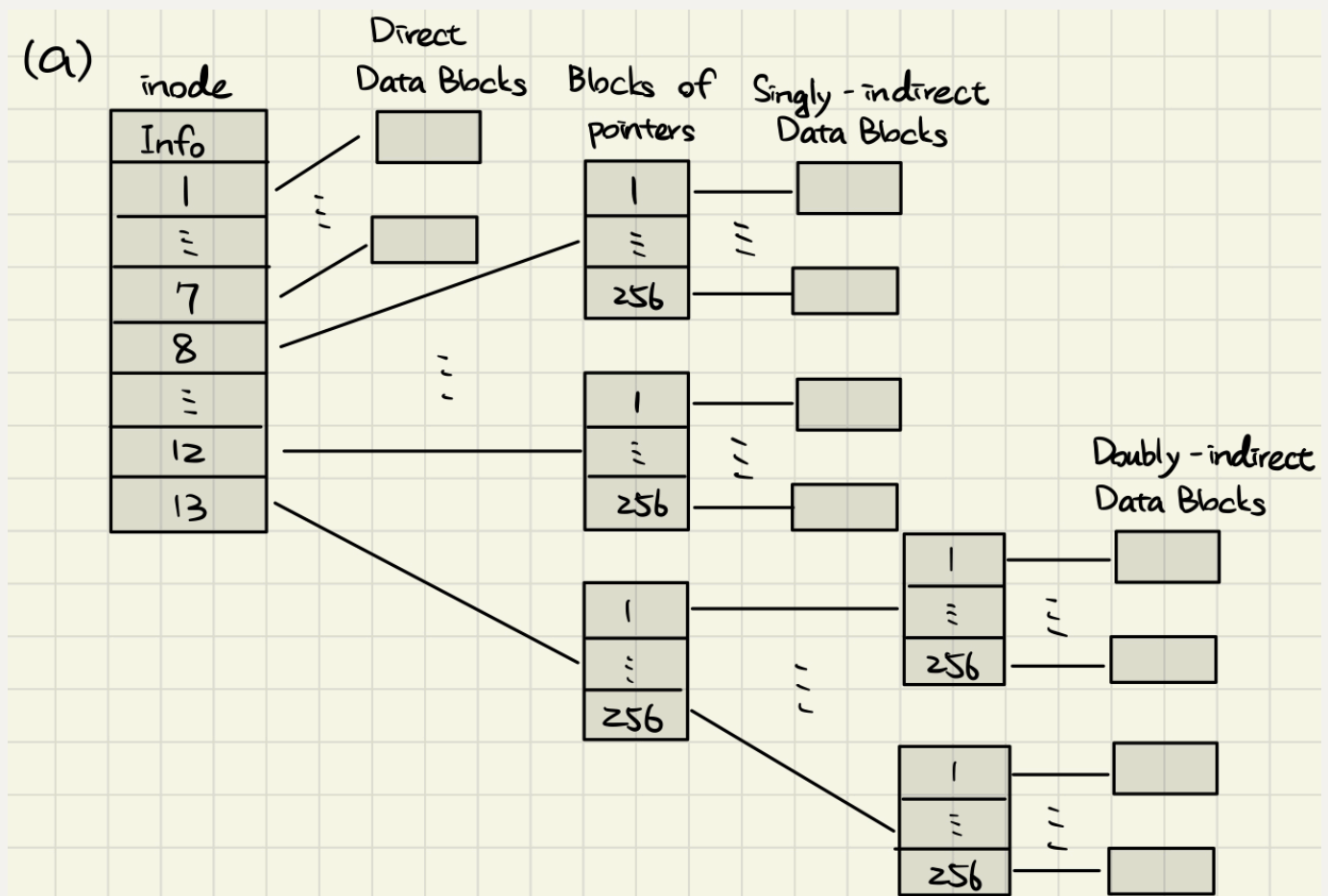


# Operation System MP4 Report

(a)



To access 66666th block, we will go through  
13th -> 256th -> 99th -> doubly-indirect data block.

(b)

To open symbolic link /a, we will

1. call `open`.
2. `open` will call `sys_open`.
3. `sys_open` will call `namei`.

4. `namei` will recursively solve the symbolic link and finally return the inode the symbolic link links to.
5. Successfully reach `/b`.

(c)

To write to `/x/a/b`, we need to open `/x/a/b` first. Since `/x/a` is a symbolic link links to `/y/`, and `namei` will recursively solve the symbolic link and return the inode the symbolic link links to, `/x/a/b` will become `/y/b` and we can finally open it and write it.