OPERATING SYSTEMS [CS301] | FALL 2020 | WORKING OF SSDS | ARPITA KABRA | VARUN JAIN

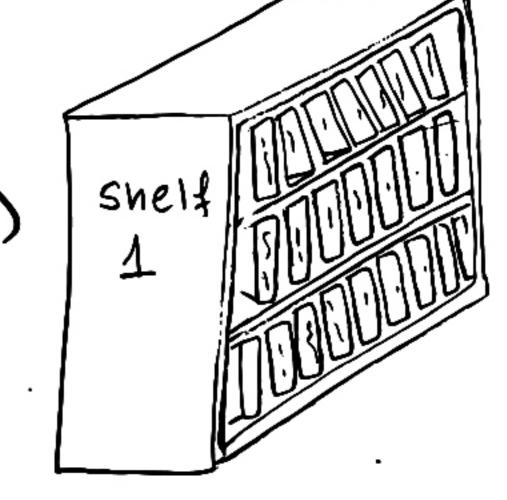




All the shelves, albums and pages are indexed. This ensures each page has a unique address.

Step1:

First we decide the shelf (block) from where the data is to be nead/stored.



Step2:



Then the album (910W) is decided.

Finally, the data is stored on the page using electric charges.





So, what is the difference () between HDD and SSD?

HDDs are like cassettes with go in order until you neach the desined data



Now you can see that SSDs don't have to go through the whole data serially, which makes them super-fast. However, this adds up to the cost of SSDs.