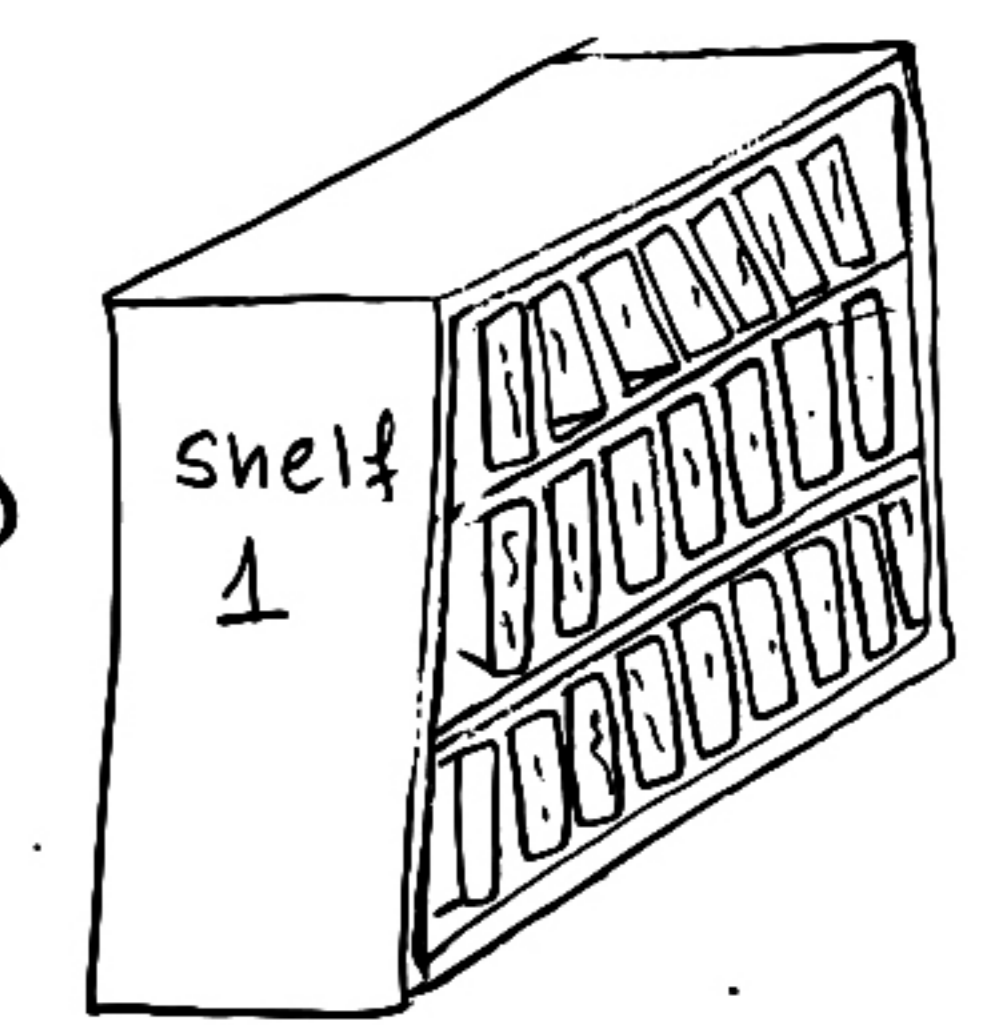


All the shelves, albums and pages are indexed. This ensures each page has a unique address.

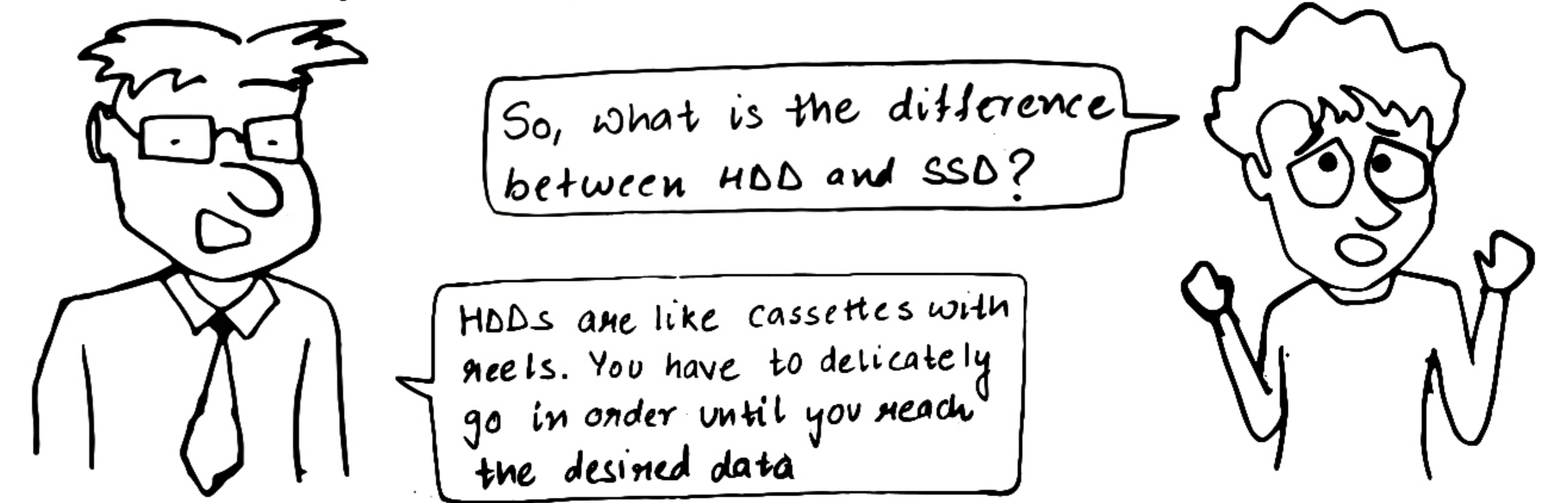
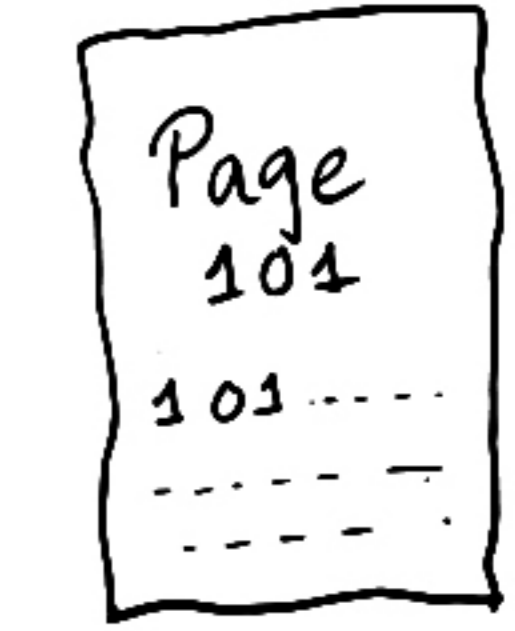
Step 1:-

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



Step 2:-
Then the album (row) is decided.

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



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.