

DBMS process

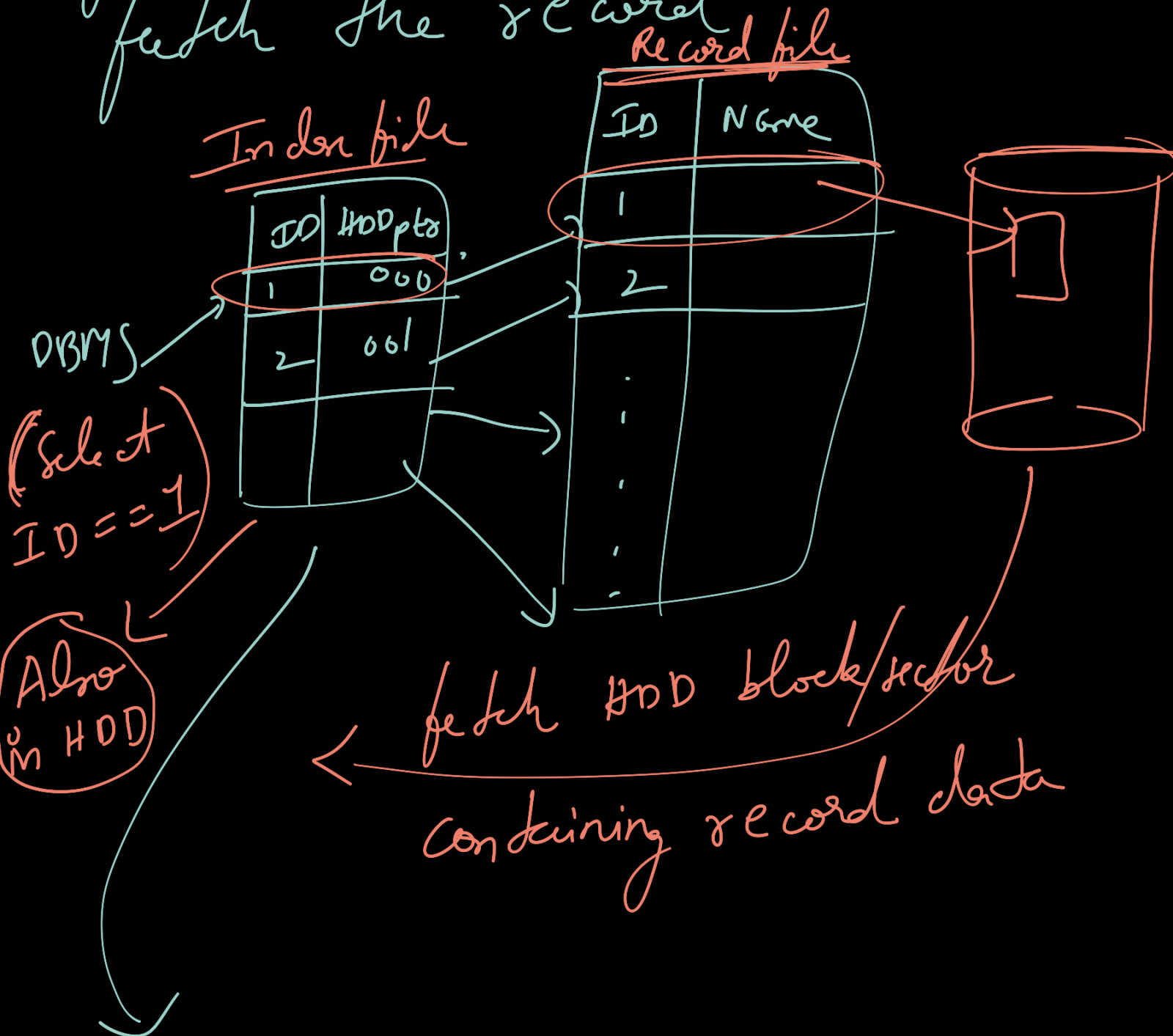


check index file

check which rows satisfies query



goto actual HDD blocks to
fetch the record



How to make the searching in Index file faster

Single level Index

- ↳ Primary
- ↳ Secondary
- ↳ Clustered

Multi-level

- ↳ Static → can't grow in levels
- ↳ Dynamic

B tree B⁺ tree

* Levels can grow or shrink