When? Table Scan how table scan work?

- I. Table dose not has any indexes in general
- 2. Table can has some indexes , but all columns in the where condition does not have any index

ex : employee table has index on id column but has not on name column

select \* from employee where name = 'ahmed khalifa' --> table scan

- l. read and load all pages or rows for this table from disk to memory  $% \left( \frac{1}{2}\right) =\frac{1}{2}\left( \frac{1}{2}\right) +\frac{1}{2}\left( \frac{1}{2}\right) +\frac{1}{$
- 2. loop on all rows on database server memory
- filter the rows by where conditions and return only the rows which meet the conditions to client.