



2



Indexes

**REALLY** important to speed up query processing time.

Person (name, age, city)

Sequential scan of the file Person may take long

Suppose we have a relation

SELECT \* FROM Person WHERE name = "Smith"















































## Triggers in SQL

- A trigger contains an *event*, a *condition*, an *action*.
- Event = INSERT, DELETE, UPDATE
- Condition = any WHERE condition (may refer to the old and the new values)
- Action = more inserts, deletes, updates
- Many, many more bells and whistles...
- Read in the book (it only scratches the surface...)

30