Notes lecture 2

* Managing db with sql
  + Defining
    - CREATE
    - ALTER
    - DROP
  + Managing & Retrieving
    - SELECT
    - INSERT
    - UPDATE
    - DELETE
  + Managing transactions
    - START TRANSACTION
    - COMMIT
    - ROLLBACK
  + Restrictions for columns
    - NOT NULL
    - PRIMARY KEY
    - UNIQUE
    - CHECK()
    - FOREIGN KEY REFERENCES parent\_table(column\_name)

ON UPDATE action

ON DELETE action

* + Restrictions for tables
    - PRIMARY KEY(column\_list)
    - UNIQUE(column\_list)
    - CHECK(condition)
    - FOREIGN KEY(column\_list) REFERENCES parent\_table(column\_list)

ON UPDATE action

ON DELETE action

* + Actions
    - NO ACTION
    - SET NULL
    - SET DEFAULT
    - CASCADE