## Scripts for creating a database

### Create table Users

CREATE TABLE users (

id SERIAL PRIMARY KEY,

email VARCHAR(320) NOT NULL,

password CHAR(60) NOT NULL

);

CREATE UNIQUE INDEX ON users((lower(email)));

### Create table morning\_info

CREATE TABLE morning\_info (

id SERIAL PRIMARY KEY,

sleep\_duration numeric,

sleep\_quality numeric ,

mood numeric,

day date,

user\_id INTEGER REFERENCES users(id)

);

### Create table evening\_info

CREATE TABLE evening\_info (

id SERIAL PRIMARY KEY,

exercise\_time numeric,

studying\_time numeric,

eating\_regularity numeric,

eating\_quality numeric,

mood numeric,

day date,

user\_id INTEGER REFERENCES users(id)

);

Avg for day

select (sum(m.mood)+sum(e.mood))/(count(m.mood)+count(m.mood)) as average\_mood

from morning\_info m

join evening\_info e

on m.user\_id=e.user\_id

where m.user\_id=1 and m.day=e.day and e.day='09-09-1992'