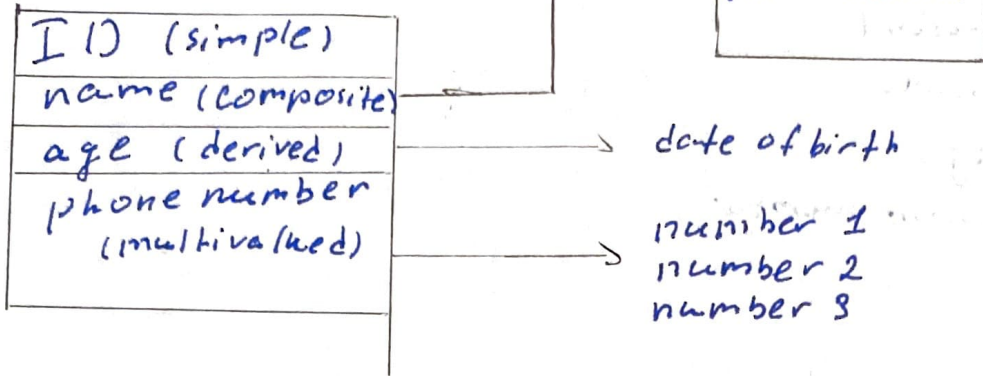


Lab 4

Task 2

a) Student



b) University

Un_name
depart_name
Corps

Office of register

office_num
phone_num
work_hours

Dormitory

Studentid
room_num
advisor_num

Teacher

course_id
course_name
teacher_id

Course

course_id
class_num
course_credit

Task 3

- One-to-one person.id — person.name
- One-to-many teachers — students
- many-to-many students — subjects (courses)

Task 4

a) First stage: Describe all problems and describe all user's expectations

Second stage: Design database(s)

Third stage: Create database and insert all data

b) The Entity Relationship is a graphical structure of databases. Complex schema that illustrates data elements and their relationships.