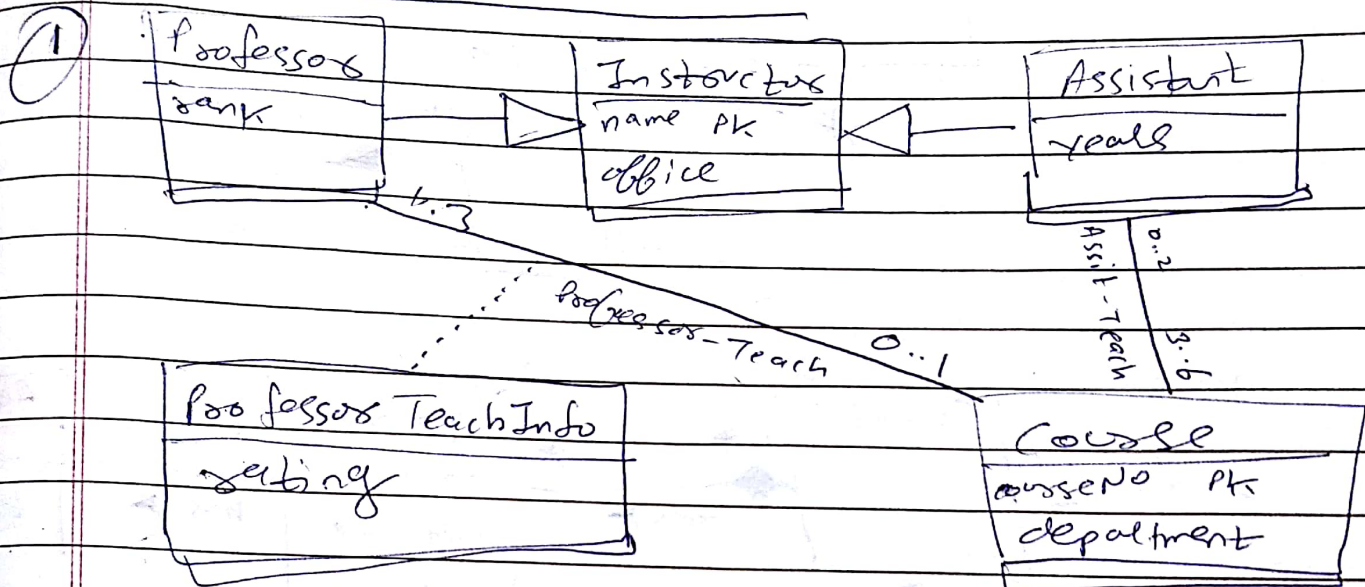


Tutorial 3 - UML



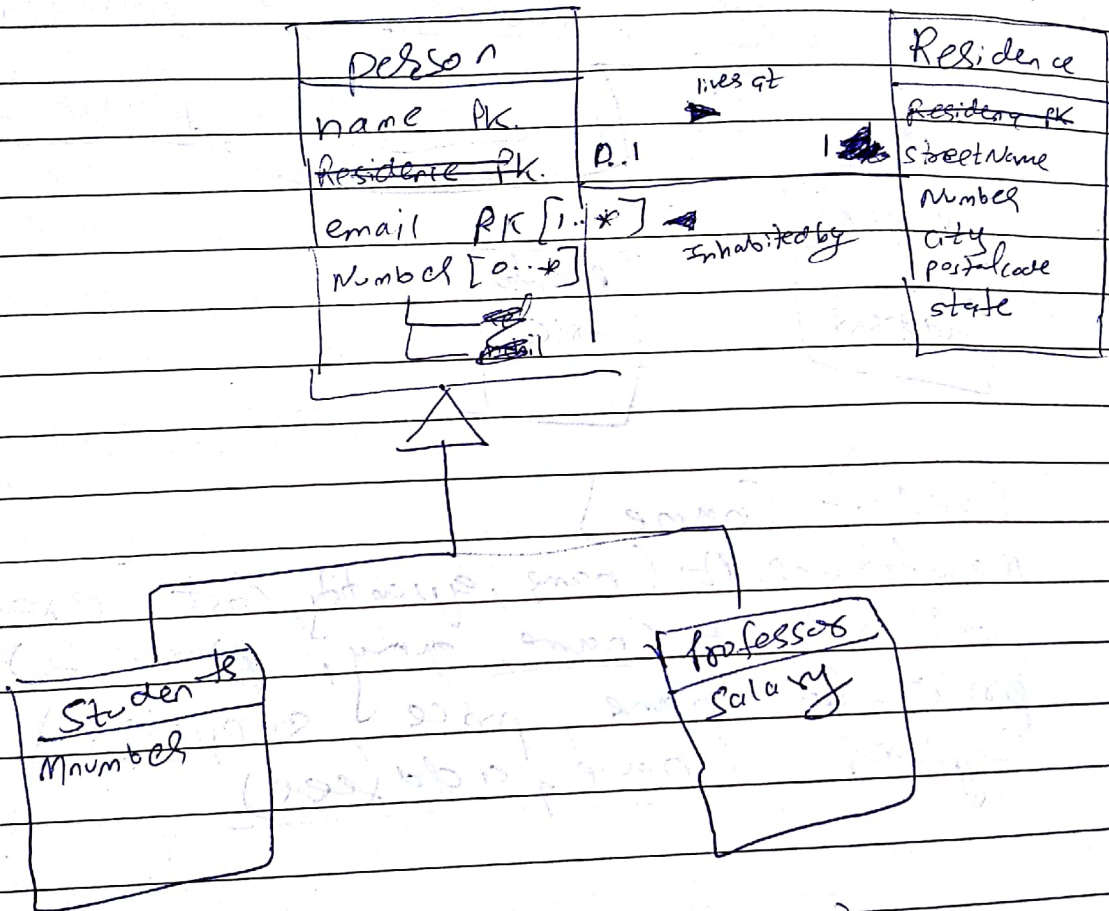
a) minimum instructors - 1 ($1+0=1$)
 maximum instructors - 5 ($3+2=5$)

b) P-min - 0
 P-max - 1
 A-min - 3
 A-max - 6

- (d) & (c) Professor (name, rank, courseNo, setting, office)
 Assistant (name, office, years)
 Course (courseNo, department)
 Assignment (name, courseNo)

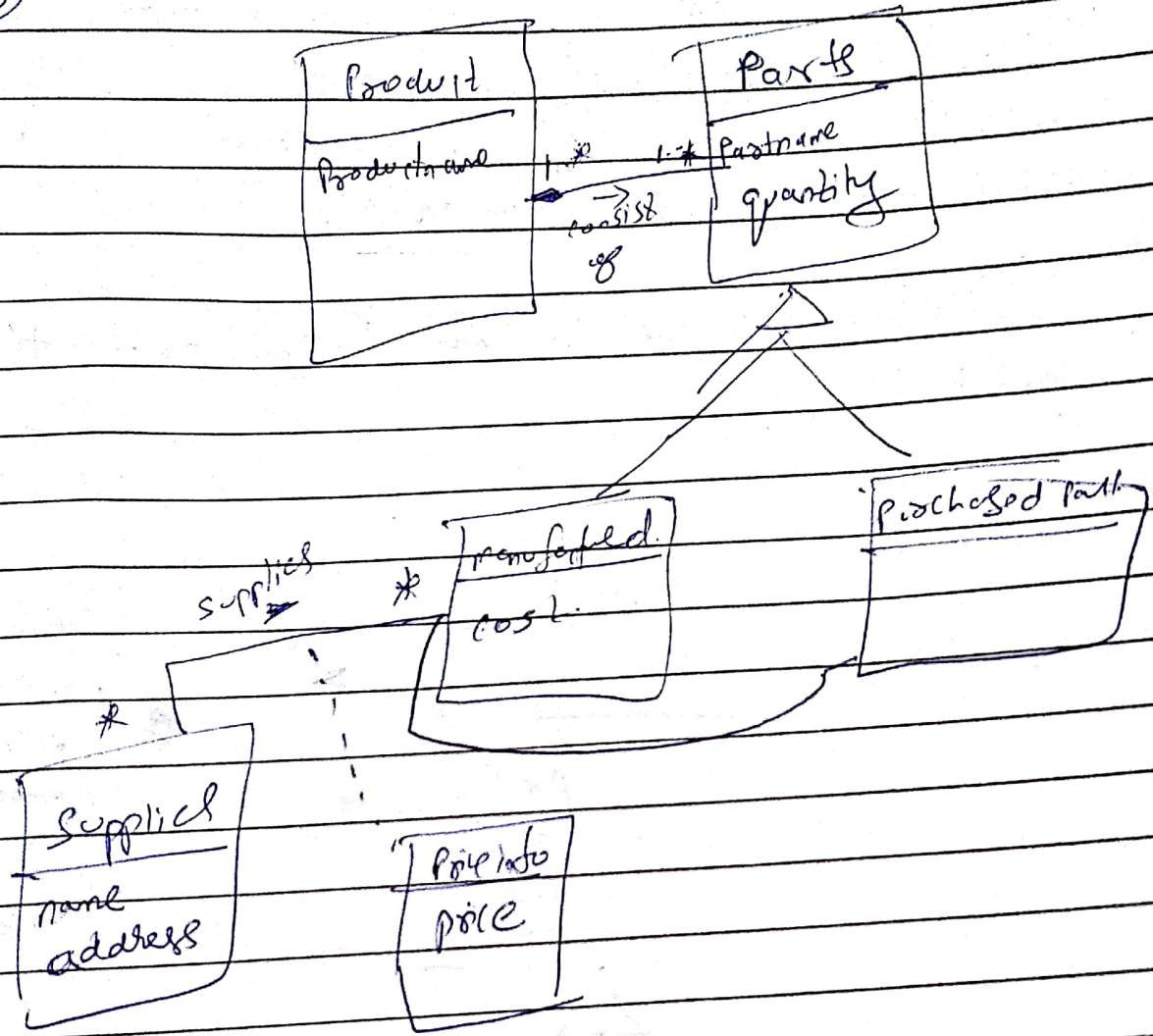
(e) Professor.courseNo & Professor.setting must permit nulls.

(2)



Person (name, emailAdd, phone number)
 Residence (houseNo, street, postal code, city, state, name)
 Students (member, name, residence ID)
 Professor (salary, name, residence ID)
 Phone (residence ID, number)
 E mail (residence ID, address)

(3)



Product (name)
 Manufactured part (name, quantity, cost, product)
 Purchased part (name, qty, product)
 price info (name, price, supplier)
 Supplier (name, address)