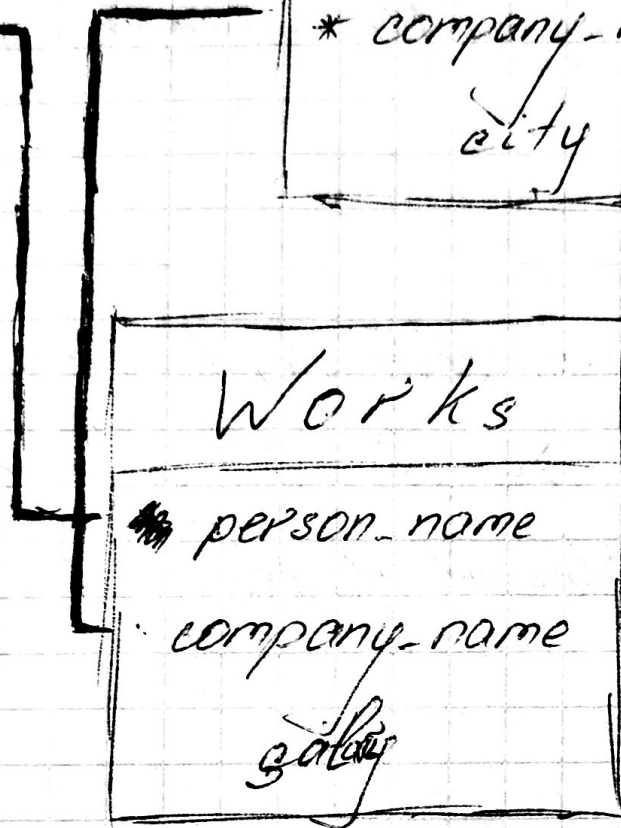
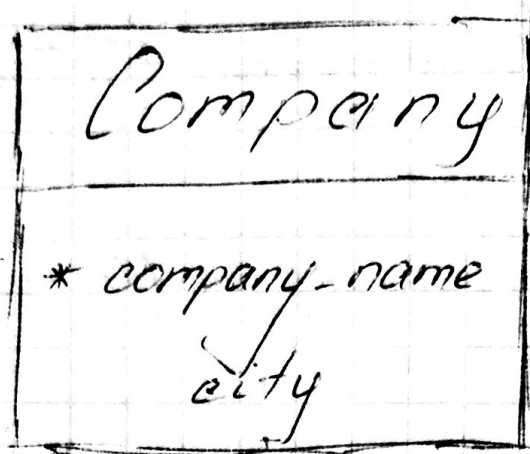
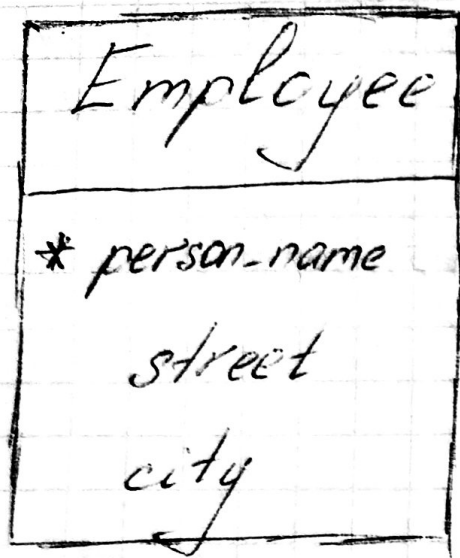


# Lab work 1



1)  $\Pi_{id, person-name} (\sigma_{company-name = "Big Bank"}(works))$

2)  $\Pi_{id, person-name, city} (\sigma_{company-name = "Big Bank"}(works \times employee))$

3)  $\Pi_{id, person-name, street, city} (\sigma_{company-name = "Big Bank" \wedge salary > 10000}(works \times employee))$

4)  $\Pi_{id, person-name} (\sigma_{employee-city = company-city}(works \times employee \times company))$

2)

1)  $\Pi_{id, name\_employee} (\sigma_{company\_name = "Big Bank"}(works))$

2)  $\Pi_{id, name\_employee} (\sigma_{salary \geq avg(salary)}(works))$

3)

When we add some dept-names to instructor table and ~~by~~ do not add such dept-names to department table.

4)

Appropriate primary keys are IDs.