2 lab work

1. 1) $\Pi_{(id, name)} \delta_{company\_name = "BigBank"}(works)$

2) $\Pi_{id, name, city} \delta(employee \bowtie employee.id = works.id$
$\delta_{company\_name = "BigBank"}(works)$

3) $\Pi_{id, name, street, city} \delta_{company\_name = "BigBank"}$
$\wedge salary > 10000 (works \triangledown employee.id = works.id$
$employee))$

4) ~~$\Gamma\Gamma($~~ $\Pi_{id, person\_name} \delta_{employee.city = company.city}$
$(employee\ employee.id = company.company\_name)$

2. 1) $\Pi_{id, person\_name} \delta_{company\_name = "BigBank"}$
$\neg(works \bowtie employee.id = works.id$

2) $\Pi_{id, personname} \delta_{works = (works \bowtie employee.id = works.id\ employee)} \wedge salary \leq employee$
$\delta_{employee \wedge salary \leq (works \bowtie employee.id)}$
$\delta_{id, person\_name = employee}) \wedge salary \leq (employee \bowtie$
$employee id, person\_name)$

4. ID