

## Laboratory work

1.1  $\Pi id, name(\sigma dept\_name = \text{"Bigbank"}(works))$

1.2  $\Pi id, name, city(\sigma person\_name = \text{"Bigbank"}(works))$

1.3  $\Pi id, name, street\_address, city(\sigma person\_name = \text{"Bigbank"} \wedge salary > 10000$   
 $works \bowtie (employee))$

1.4  $\Pi id, name(\sigma city = company(company))$

2.1  $\Pi id, name(\sigma person\_name \neq \text{"Bigbank"}(works))$

2.2  $\Pi person\_name(works) - (\Pi works.person\_name(works \bowtie (works.salary \leq$   
 $works.company\_name = \text{"Bigbank"})) \rho works2(works))$

3. Inserting:

(10111, Ostrom, Economics, 110, 000)

Deleting:

(Biology, Watson, 90 000)

4. person\_name