

Lab 2

1.

- 1) $\pi_{ID, person_name} (\sigma_{company_name = 'bigbank'} (works))$
- 2) $\pi_{ID, person_name, city} (\sigma_{company_name = 'bigbank'} (works))$
- 3) $\pi_{ID, person_name, street, city} (\sigma_{company_name = 'BigBank' \wedge salary > 10000} (works))$
- 4) $\pi_{ID, person_name} (employee \bowtie employee_city (works) \bowtie company)$

2.

$\pi_{ID, person_name} (\sigma_{company_name \neq 'Bigbank'} (works))$

3.

$dept_name = '...' \text{ delete}$
 $insert ('...', '...')$

4)

$id, id, company_name$