* ∏id, person\_name(σcompany\_name=“BigBank” (works))
* ∏id, person\_name, city(employee ⋈employee.id=works.id (σcompany\_name=“BigBank” (works)))
* ∏id, person\_name, street, city(σ(company\_name=“BigBank” Λ salary>10000)

(works ⋈employee.id=works.id employee))

* ∏id, person\_name (σemployee\_city=company\_city)(employee ⋈employee.id=works.id works ⋈works.company\_name=company.company\_name company))
* ∏id, person\_name(σcompany\_name “BigBank” (works))
* ∏id, person\_name( max(salary)(employee works))

1. Inserting: (10210, Alex, IT, 500000) into the instructor table, where the department table does not have the department IT.

Deleting: (Astronomy, Alis, 100000) from the department table, where more than one student or instructor has dept name as Astronomy.

1. Person\_name, company\_name