# Lab1

## 1.1
∏id, name(σcompany_name = "BigBank"(employee ⋈employee.person_name = works.person_name))

## 1.2
∏id, name, city(σcompany_name = "BigBank"(employee ⋈ employee.person_name = works.person_name))

## 1.3
∏id, name, street,city(σcompany_name = "BigBank" (employee ∧ employee.person_name = works.person_name))

## 1.4
∏id, name(σemployee.city = company.city (employee ⋈ employee.person_name = works.person_name ⋈ works.company_name= company.company_name company))

## 2.1
∏id, name(σcompany_name ≠ "BigBank"(emloyee ⋈employee.person_name = works.person_name))

## 2.2
∏id, name(σmax(salary)(emloyee ⋈employee.person_name = works.person_name))

## 3
Insert case that can cause violation – trying to give the value to the "dept_name" attribute, which does not exist

## 4
"person_name"