1. Πemp\_id, first\_name ,last\_name,salary,department\_id (σdepartment\_name = ‘Engineering’ (employees ⋈ departments))
2. Πfirst\_name,salary (employees)
3. Πemp\_id , first\_name,last\_name,salary,department\_id(employees ⋈ σmanager\_id= ‘emp\_id’(departments) )
4. σsalary > 60000 (employees)
5. employees ⋈ departments
6. employees × projects
7. Πemp\_id, first\_name,last\_name,salary,department\_id (employees - (employees ⋈ σmanager\_id=emp\_id(departments)))
8. departments ⋈ projects
9. Πdepartment\_name,location(departments)
10. Σbudget > 100000(projects)
11. Πemp\_id, first\_name, last\_name,salary,department\_id(σdepartment\_id=’Sales’(employees) ⋈ σmanager\_id=emp\_id(departments))
12. Πemp\_id,first\_name,last\_name,salary,department\_id(σdepartment\_name=’Engineering’(employees)) ∪ πemp\_id,first\_name,last\_name,last\_name,salary,department\_name(σdepartment\_name=’Finance’(employees))
13. Πemp\_id,first\_name,last\_name,salary,department\_id(employees - (employees ⋈ projects))
14. employees ⋈ projects
15. πemp\_id,first\_name,last\_name,salary,department\_id (σsalary<50000 V salary > 70000(employees))