**1) Retrieve, name and address of all employees who work for research department.**

select fname, address from employee, department where dno=dnumber and dname='Research';

**2) Every project located in Bangalore, list the project number, controlling department number and department manager name.**

select pnumber, dnum, fname from project, department, employee where dno=dnumber and dnumber=dnum and plocation='Bangalore' and mgreno=eno;

**3) Find the names of employee who works for all projects controlled by department number 4.**

select distinct fname from employee, department,project where dnumber=dnum and dno=dnumber and dnumber=4;

**4) Make a list of all projects for the project that involve an employee whose lname is Kumar either as a worker or manager of department the controls the project.**

select pname from employee, project, department where dnum=dnumber and dnumber=dno and lname='Kumar';

**5) List the names of all employee with 2 or more dependents.**

select distinct fname from employee, dependent where eeno=eno and eeno in (select eeno from dependent group by eeno having count(\*)>=2);

**6) List the name of managers who have at least 1 dependent.**

select distinct fname from employee,department,dependent where dno=dnumber and eno=eeno and mgreno=eno;

**7) Retrieve the name of employee who works on all the projects where Priya is involved.**

select fname from employee,works\_on where eeno=eno and pno in(select pno from works\_on where eeno=(select eno from employee where fname='Priya')) and fname<>'Priya';

**8) Retrieve the name of employee who work more than 10hrs/week on the project ‘Reorganization’.**

select fname from employee, works\_on, project where eno=eeno and pno=pnumber and pname='Reorganization' and hours>10 group by fname;

**9) Find the names of employees directly supervised by Gaurav.**

select fname from employee where supereno= (select eno from employee where fname='Gaurav');

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6: select fname from employee where eno not in(select eeno from dependent);

11: select pname,sum(hours) from project,works\_on where pno=pnumber group by pname;

12: select dname,avg(salary) from employee,department where dno=dnumber group by dname;

13: select avg(salary) from employee where sex='F';

14: select lname from employee,department where eno=mgreno and mgreno not in (select eeno from dependent);

17: select sum(salary), min(salary), max(salary), avg(salary) from employee;

18: select dno, count(fname), avg(salary) from employee, department where dno=dnumber group by dno;

19: select pnumber,pname, count(pno) as "EMP COUNT" from project,works\_on where pnumber=pno group by pnumber,pname;

20: select pnumber,pname, count(pno) as "EMP COUNT" from project,works\_on where pnumber=pno group by pnumber,pname having count(pno)>2;

21:

22) Retrieve a list of employees and the projects they are working on ordered by department.

select distinct fname from employee, dependent where eeno=eno and eeno in (select eeno from dependent group by eeno having count(\*)>=2);

23:

**24) Retrieve the number of male employees in each department.**

select dname, count(fname) as "EMP COUNT" from employee, department where sex='M' and dno=dnumber group by dname;

**28) Create a query to display the name and hire date of any employee hired after employee ‘Ramesh’)**

select fname, hiredate from employee where hiredate > (select hiredate from employee where fname='Ramesh');