1. Select the detail of the employee whose name starts with P.

**Ans.** select \* from Employee WHERE EmpName LIKE ‘p%'

2. How many permanent candidates take a salary more than 5000.

**Ans.** select COUNT(Salary) from EmpSalary WHERE IsPermanent = ‘yes’ AND Salary >5000

3. Select the detail of the employee whose emailId is in gmail.

**Ans.** select \* from Employee where EmailId LIKE ‘%@gmail%’

4. Select the details of the employee who works either for department E-104 or E-102.

**Ans.** select \* from Employee WHERE Department = ‘E-102’ OR Department = ‘E-104’

5. What is the department name for DeptID E-102?

**Ans.** select DeptName from EmpDept WHERE DeptId=’E-102’

6. What is the total salary that is paid to permanent employees?

**Ans.** select SUM(Salary) from EmpSalary where IsPermanent=’yes’

7. List name of all employees whose name ends with a.

**Ans.** select EmpName from Employee WHERE EmpName LIKE ‘%a’

8. List the number of departments of employees in each project.

**Ans.** select COUNT(Department) , ProjectId from EmpProject LEFT JOIN Employee ON EmpProject.EmpId = Employee.EmpId GROUP BY ProjectId

9. How many projects started in 2010.

**Ans.** select COUNT(ProjectId) from EmpProject WHERE StartYear=2010

10. How many projects started and finished in the same year.

**Ans.** select COUNT(ProjectId) from EmpProject WHERE StartYear=EndYear

11. select the name of the employee whose name's 3rd character is 'h'.

**Ans.** select EmpName from Employee WHERE

SUBSTRING(EmpName, 3, 1) = ‘h’

1. Select the department name of the company which is assigned to the employee whose employee id is greater 103.

**Ans.** select DeptName from EmpDept JOIN Employee ON (EmpDept.DeptId = Employee.Department) WHERE EmpId>103

2. Select the name of the employee who is working under Abhishek.

**Ans.** select EmpName from Employee WHERE EmpHeadId = (select EmpId from Employee where EmpName=’Abhishek’)

3. Select the name of the employee who is department head of HR.

**Ans.** select EmpName from Employee AS e JOIN EmpDept AS ed ON(e.EmpId = ed.DeptHead) WHERE DeptName = ‘HR’

4. Select the name of the employee head who is permanent.

**Ans.** select EmpName from (select DISTINCT EmpHeadId from Employee) AS e JOIN EmpSalary AS es ON(e.EmpHeadId = es.EmpId) WHERE IsPermanent = 'yes

5. Select the name and email of the Dept Head who is not Permanent.

**Ans.** select EmpName, EmailId FROM Employee WHERE EmpId IN (select DISTINCT DeptHead from EmpDept) AND EmpId IN(select EmpId from EmpSalary WHERE IsPermanent = 'no)

6. Select the employee whose department off is monday

**Ans.** select \* from Employee AS e JOIN EmpDept AS ed ON(e.Department = ed.DeptId) WHERE Dept\_off = 'Monday'

7. select the indian clients details.

**Ans.** select \* from ClientTable AS ct JOIN Country AS c ON (ct.cid = c.cid) WHERE cname = 'INDIA'

8. select the details of all employees working in the development department.

**Ans.** select \* from Employee WHERE Department IN (select DeptId from EmpDept WHERE DeptName = 'Development')