1. How many departments are there in your company?

select 'There are ' || count(\*) || ' departments' as "Total departments"

from departments;

1. How many numbers of employees are there in each department?

select 'There are ' || count(\*) || ' employees in our department.' as "Total employees"

from employees where d\_id=**'AF\_001'**;

1. How can we information of employees in a particular department?

select e\_id, e\_name, e\_phone, e\_email, e\_address, e\_gender, pay\_id, job\_id from employees where d\_id = **'AF\_001'**;

1. How many employees are there total in the company?

select 'There are total ' || count(\*) || ' employees in our company.' as "Total Employees" from employees;

1. How many employees are male in the company?

select \* from employees where e\_gender='M';

1. How can we get all the job details of a particular employee?

select e\_name, d\_id, job\_title, start\_date, end\_date

from employees, jobs, job\_details

where employees.e\_id = 101 and job\_details.e\_id = 101 and employees.job\_id = jobs.job\_id;

1. How many job positions are there in your company?

select 'There are ' || count(\*) || ' job positions' as "Jobs"

from jobs;

1. What is the maximum and minimum salary for each job.

select job\_title,min\_salary, max\_salary

from jobs;

1. How many employees have same job position?

select e.e\_id, e.e\_name, j.job\_title, d.d\_name

from employees e, jobs j, departments d

where e.job\_id = 'AMB' and e.job\_id = j.job\_id and e.d\_id = d.d\_id;

1. How many employees have salary below 40000?

select 'There are ' || count(\*) || ' employees having salary below 40k' as "Employees"

from payments

where salary < 40000;

1. Number of employees that were inducted in the month of January write details?

select e.e\_id, e.e\_name, e.e\_phone, e.e\_email, e.e\_address, e.e\_gender, e.pay\_id, e.job\_id, e.d\_id

from employees e, job\_details j

where e.e\_id = j.e\_id and j.start\_date < '30-JAN-17';

1. Find maximum, minimum and average salary of all employees?

select MAX(salary) as "MAX", MIN(salary) as "MIN", ROUND(AVG(salary),2) as

"AVG"

from payments;

1. How many were employees inducted on the first day of the year?

select e.e\_id, e.e\_name, e.e\_phone, e.e\_email, e.e\_address, e.e\_gender, e.pay\_id, e.job\_id, e.d\_id

from employees e, job\_details j

where e.e\_id = j.e\_id and j.start\_date = '01-JAN-17';

1. How many employees have the highest salary?

select e.e\_id, e.e\_name, p.salary

from employees e, payments p

where e.pay\_id = p.pay\_id and p.salary = 50000;

1. How can we get payment details of a particular employee?

select e.e\_name, e.pay\_id, p.salary, p.leave, p.tax, p.loan, b.bonus, b.allowances, (p.salary + b.bonus + b.allowances - p.loan -p.leave - (p.tax \* p.salary / 100)) totalsalary

from employees e, payments p, bonuses b

where e.e\_id = 100 and e.pay\_id = p.pay\_id and b.bonus\_id = p.bonus\_id;

1. How many employees are getting bonus?

select e.e\_id, e.e\_name, p.pay\_id, b.bonus\_id, b.bonus, b.allowances

from bonuses b, employees e, payments p

where b.bonus > 0 and b.bonus\_id = p.bonus\_id and p.pay\_id = e.pay\_id ;

1. How is the total payment calculated in your company?

select e.e\_name, (p.salary + b.bonus + b.allowances - p.loan -p.leave - (p.tax \* p.salary / 100)) totalsalary

from employees e, payments p, bonuses b

where e.e\_id = 100 and e.pay\_id = p.pay\_id and b.bonus\_id = p.bonus\_id;

1. How can we calculate the duration of work of a particular employee?

select e.e\_id, e.e\_name , (j.end\_date - j.start\_date) as "Duration Of work"

from employees e, job\_details j

where e.e\_id = j.e\_id;

1. How many employees have name starting with ‘A’ ?

select e.e\_id, e.e\_name , e\_phone, e\_email

from employees e

where e.e\_name LIKE 'A%';

1. How many employees are getting bonus?

select 'There are ' || count(\*) || ' employees getting bonuses.' as "Employees getting bonuses"

from bonuses

where bonus > 0;

1. What was the last date of induction ?

select ' The last date of induction of an employee was ' || MAX(start\_date) as "Last Date”

from job\_details;

1. How many employees have taken loan?

select count(\*)

from payments

where loan >0;

1. What is the maximum tax rate among the employees?

select 'The maximum tax rate is ' || MAX(tax)

from payments;

1. How many employees had deduction in salary due to leave?

select count(\*)

from payments

where leave >0;

1. How can we calculate yearly salary of a particular employee?

select e.e\_name, ((p.salary + b.bonus + b.allowances - p.loan -p.leave - (p.tax \* p.salary / 100)) \* 12 ) as "YearlySalary"

from employees e, payments p, bonuses b

where e.e\_id = 100 and e.pay\_id = p.pay\_id and b.bonus\_id = p.bonus\_id;