

ID	NAME	AGE	ADDRESS	SALARY
1	Ramesh	32	Ahmedabad	2000.00
2	Khilan	25	Delhi	1500.00
3	kaushik	23	Kota	2000.00
4	Chaitali	25	Mumbai	6500.00
5	Hardik	27	Bhopal	8500.00
6	Komal	22	MP	4500.00
7	Muffy	24	Indore	10000.00

1. Write a SQL query to find all employee details from the employee table order by Name Ascending and Salary descending
2. Write a SQL query to Get employee details from employee table whose name contains 'o'
3. Write a SQL query to find employee details from employee table whose first name ends with 'n' and name contains 4 letters
4. Write a SQL query to find employee details from employee table whose Salary greater than 8000
5. Write a SQL query to find employee details from employee table whose Salary between 5000 and 8000
6. Write a SQL query to Get employee details from employee table whose name is 'komal' and 'koushik'
7. Write a SQL query to find age wise maximum salary from employee table order by salary ascending
8. Write a SQL query to find age wise average salary from employee table order by salary ascending
9. Select age, total salary with respect to a age from employee table where total salary greater than 2000 order by Total\_Salary descending
10. Write a SQL query to get the second highest salary from the Employee table.

**employee (employee-name, street, city)**  
**works (employee-name, company-name, salary)**  
**company (company-name, city)**  
**manages (employee-name, manager-name)**

a) Delete all tuples in the works relation for employees of abd.

b) Give all managers of 'abc' a 10 percent raise unless the salary becomes greater than 100,000;

c) Find those companies whose employees earn a higher salary, on average, than the average salary at 'abc'.

d). Find the company that has the most employees.

e). Find the company that has the smallest payroll.

f). Find those companies whose employees earn a higher salary, on average, than the average salary at abc Corporation.

g) Find all employees who earn more than the average salary of all employees

h) Find all employees in the database who earn more than each employee of Small Bank Corporation.

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**Emp (emp\_id, emp\_name)**  
**Project (P\_name , p\_id)**  
**Work (p\_id, emp\_id)**

1) find the employee name who have participated in all the projects.

2) Find the employee name who worked more than one project.

3) Find the names of all instructors whose salary is greater than at least one instructor in the Biology department.

4) Find the departments that have the highest average salary.

5) Find all employees in the database who live in the same cities and on the same streets as do their managers.

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**Branch(b\_name,city)**

**Customer(c\_name,b\_name )**

**account (account number, branch name, balance)**

1. Find those tuple pertaining to loans of more than 5000 made by midnapore branch.

2. Delete all loan account amount in range 0 to 100.

3. Find all the customer name who has account at all the branches located in midnapore.

4. Find the name of all branches that have assets greater than at least one branch located in midnapore.

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1. find the employee name whose name starts with a or k and salary greater than 5000

2. find the different age group available in this table.

3. find the emp name total salary and age address and age wise and total salary will be greater than 2000.

4. find the average salary who lives in delhi.
5. find the first four letter of the employee name who lives in Mumbai.

**Suppliers(*sid, sname, address*)**

**Parts(*pid, pname, color*)**

**Catalog(*sid, pid, cost*)**

1. Find the *pnames* of parts for which there is some supplier.
2. Find the *snames* of suppliers who supply every part.
3. Find the *snames* of suppliers who supply every red part.
4. Find the *pnames* of parts supplied by Acme Widget Suppliers and by no one else.
5. Find the *sids* of suppliers who charge more for some part than the average cost of that part (averaged over all the suppliers who supply that part).
6. For each part, find the *sname* of the supplier who charges the most for that part.
7. Find the *sids* of suppliers who supply only red parts.
8. Find the *sids* of suppliers who supply a red part and a green part.
9. Find the *sids* of suppliers who supply a red part or a green part.

**patient(P\_id,p\_name,p\_age,p\_add)**  
**doctor(d\_id,d\_name,d\_add,d\_phn)**  
**admitted(p\_id,adm\_date)**  
**attend(p\_id,d\_id)**

1. List the name of the patients descending order of age with their doctor name

2.

list the doctors who checked the patients more than 2 times

list the doctors who treat the patients with date of admission of admission between ' ' and ' '

**book(acc\_no,title,publishers,authors,subject,no\_copy)**  
**borrower(card\_no,b\_name,b\_add,b\_phn)**  
**issue(acc\_no,card\_no,date\_of\_issue,date\_of\_return)**

**Hotel (hotelNo,name,address)**

**Room (roomNo,hotelNo,type,price)**

**Booking (hotelNo,guestNo,dateFrom,dateTo,roomNo)**

**Guest (guestNo,name,address)**

1. List the names and addresses of all guests in London alphabetically ordered by name.

List all double('D') or family rooms('F') with a price below 40.00 per night, in ascending order of price

The following

query selects the names of instructors whose names are neither "Mozart" nor "Einstein".

Find the names of all instructors whose salary is greater than at least one instructor in the Biology department."

**branch(branch name, branch city, assets)**  
**customer(customer name, customer street, customer city)**  
**loan (loan number, branch name, amount)**  
**borrower (customer name, loan number)**  
**account (account number, branch name, balance)**  
**depositor (customer name, account number)**

Find all loan numbers with a loan value greater than \$10,000.

b. Find the names of all depositors who have an account with a value greater than \$6,000.

c. Find the names of all depositors who have an account with a value greater than \$6,000 at the "Uptown" branch.

a. Find all customers who have an account at all the branches located in "Brooklyn".

b. Find out the total sum of all loan amounts in the bank.

c. Find the names of all branches that have assets greater than those of at least one branch located in "Brooklyn".