

01-12-20

## RETRIEVE INFORMATIONS

1) Insert five records into the table

### QUERY

INSERT INTO employee VALUES (

(1001, 'Vimal', 'Clerk', '1990-04-14', '2008-05-12'),

(1002, 'Arvind', 'HR', '1996-10-23', '2018-01-12'),

(1003, 'Merly Sabu', 'Accountant', '1997-08-27'),

(1004, 'Lakshapriya', 'Manager', '1996-06-06', '2012-01-22'),

(1005, 'R Jitwin', 'Accountant', '1998-11-15', '2004-10-20'),

2) Select all records from table

### QUERY

SELECT \* FROM employee;

emp_no	name	designation	dob	hiredate
1001	Visal	clerk	1990-06-14	2008-05-12
1002	Grouind	HR	1996-10-23	2018-01-12
1003	Meghy	Accountant	1997-08-27	2010-04-01
1004	Koshapoyq	manager	1996-06-06	2012-01-28
1005	R. Crithin	Accountant	1998-11-15	2004-10-20

3.) Add new attribute salary

QUERY

ALTER TABLE employee ADD salary INT;

DESC employee;

Field	Type	NULL	key	default	extra
emp_no	int	NO	PRI	NULL	
name	varchar(20)	YES	*	NULL	
designation	varchar(20)	YES		NULL	
dob	date	YES		NULL	
hiredate	date	NO		NULL	
salary	int	YES		NULL	

4) Insert salary information to all employees

### QUERY

UPDATE employee SET salary = 25000

WHERE designation = 'clerk';

UPDATE employee SET salary = 29500

WHERE designation = 'HR';

UPDATE employee SET salary = 31500

WHERE designation = 'Accountant';

UPDATE employee SET salary = 40000

WHERE designation = 'Manager';

SELECT \* FROM EMPLOYEE;

EMPNO	NAME	designation	dob	hire	Salary
1001	Visal	clerk	1990-04-14	2005-05-12	25000
1002	Grouind	HR	1996-10-23	18-01-12	29500
1003	Meethy	Accountant	1997-08-27	12-01-22	31500
1004	Krishna Prasad	Manager	1996-06-06	12-01-21	40000
1005	Jithin	Accountant	1998-11-15	01-10-10	31500

5.) List employees whose salary > 30000

QUERY

```
SELECT name, salary FROM employee
WHERE salary > 30000;
```

name	salary
maxly	31500
krishanaya	40000
jithin	31500

6.) Display annual salary of all employees.

QUERY

```
SELECT name, designation, salary * 12 as
annual salary FROM employee;
```



name	designation	annual_salary
nisha	clerk	300000
robind	HR	354000
meeta	Accountant	378000
Usharajya	Manager	480000
jatin	Accountant	378000

7.) Delete records of all employees whose designation is clerk

### QUERY

DELETE FROM employee WHERE  
designation = 'clerk';

SELECT designation from employee;

designation
HR
Accountant
Managers
Accountant

8.) Update table by increasing salary of managers with 5000

QUERY

UPDATE employee SET salary = salary + 5000  
WHERE designation = 'Managers';

QUERY , SELECT designation, salary from employee  
WHERE designation = 'Managers'

designation	salary
Managers	45000

- 9) Display employee names in ascending order of salary.

#### QUERY

```
SELECT name, salary FROM employee  
ORDER BY salary asc;
```

name	salary
Govind	29500
meshy	31500
R Jithun	31500
Krishnapriya	45000

#### RESULT

The code has been executed successfully.