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### TASK # create table

→ use first;

```
create table emp(eno int primary key,ename varchar(20),designation varchar(20),salary float,join_date varchar(20));
```

```
insert into emp(eno,ename,designation,salary,join_date)values(101,'advik','manager',55000,'12/02/2022');
```

```
insert into emp(eno,ename,designation,salary,join_date)values(102,'omkar','developer',50000,'25/08/2023');
```

```
insert into emp(eno,ename,designation,salary,join_date)values(103,'rahul','assistent',56000,'12/06/2021');
```

```
insert into emp(eno,ename,designation,salary,join_date)values(104,'rohit','tester',45000,'29/05/2024');
```

```
select*from emp;
```

→

104	rohit	tester	45000	29/05/2024
103	rahul	assistent	56000	12/06/2021
102	omkar	developer	50000	25/08/2023
101	advik	manager	55000	12/02/2022

1.

→ use first;

```
alter table emp
```

```
add column email varchar(20);
```

```
select*from emp;
```

2.

→ use first;

```
update emp
```

```
set email='gcd@gmail.com'
```

```
where eno=104;
```

```
select*from emp;
```

101	advik	manager	55000	12/02/2022	abc@gmail.com
102	omkar	developer	50000	25/08/2023	xyz@gmail.com
103	rahul	assistent	56000	12/06/2021	lmn@gmail.com
104	rohit	tester	45000	29/05/2024	gcd@gmail.com

3.

→ use first;

```
update emp set salary = salary+(salary*0.05) ;
```

```
select * from emp;
```

101	advik	manager	54987.2	12/02/2022	abc@gmail.com
102	omkar	developer	57750	25/08/2023	xyz@gmail.com
103	rahul	assistent	47250	12/06/2021	lmn@gmail.com
104	rohit	tester	68250	29/05/2024	gcd@gmail.com

4.

→ use first;

```
update emp set  
designation='sr.manager'
```

```
where ename='omkar';
```

```
select * from emp;
```

101	advik	manager	54987.2	12/02/2022	abc@gmail.com
102	omkar	sr.manager	57750	25/08/2023	xyz@gmail.com
103	rahul	assistent	47250	12/06/2021	lmn@gmail.com
104	rohit	tester	68250	29/05/2024	gcd@gmail.com

5.

→ use first;

```
update emp
```

```
set designation='sr.assistent manager'
```

```
where designation='assistent';
```

```
select * from emp;
```

101	advik	manager	54987.2	12/02/2022	abc@gmail.com
102	omkar	sr.manager	57750	25/08/2023	xyz@gmail.com
103	rahul	sr.assistent manager	47250	12/06/2021	lmn@gmail.com
104	rohit	tester	68250	29/05/2024	gcd@gmail.com

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6.

→ use first;

alter table emp

add column city varchar(20) default 'pune' ;

select \* from emp;

101	advik	manager	54987.2	12/02/2022	abc@gmail.com	pune
102	omkar	sr.manager	57750	25/08/2023	xyz@gmail.com	pune
103	rahul	sr.assistent manager	47250	12/06/2021	lmn@gmail.com	pune
104	rohit	tester	68250	29/05/2024	gcd@gmail.com	pune

7.

→ use first;

update emp set city='mumbai'

where ename='omkar';

select \* from emp;

101	advik	manager	54987.2	12/02/2022	abc@gmail.com	pune
102	omkar	sr.manager	57750	25/08/2023	xyz@gmail.com	mumbai
103	rahul	sr.assistent manager	47250	12/06/2021	lmn@gmail.com	pune
104	rohit	tester	68250	29/05/2024	gcd@gmail.com	pune

8.

→ use first;

update emp

set salary=salary-(salary\*0.05)

where (designation='tester' and  
city='pune');

select \* from emp;

101	advik	manager	54987.2	12/02/2022	abc@gmail.com	pune
102	omkar	sr.manager	57750	25/08/2023	xyz@gmail.com	mumbai
103	rahul	sr.assistent manager	47250	12/06/2021	lmn@gmail.com	pune
104	rohit	tester	64837.5	29/05/2024	gcd@gmail.com	pune

9.

→ use first;

alter table emp

add column phone\_no varchar(11) not null ;

select \* from emp;

10.

→ use first;

update emp

set join\_date='15/06/2019'

where ename='omkar';

select \* from emp;

101	advik	manager	54987.2	12/02/2022	abc@gmail.com	pune
102	omkar	sr.manager	57750	15/06/2019	xyz@gmail.com	mumbai
103	rahul	sr.assistent manager	47250	12/06/2021	lmn@gmail.com	pune
104	rohit	tester	64837.5	29/05/2024	gcd@gmail.com	pune

11.

→ use first;

alter table emp

change join\_date new\_date varchar(10);

select \* from emp;

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**select clause :**

1.

→ use first;  
select \*  
from emp  
where ename='rahul';

2.

→ use first;  
select designation,salary  
from emp  
where eno=104;

3.

→ use first;  
select \*  
from emp  
where designation='ceo';

4.

→ use first;  
new\_date  
emp  
eno=101;

5.

→ use first;  
select eno,ename,salay  
from emp  
where salary=50000;

6. greater than equal

→ use first;  
select eno,ename,salay  
from emp  
where salary>=50000;

7. less than equal

→ use first;  
select eno,ename,salay  
from emp  
where salary<=50000;

8. not equal to

→ use first;  
select eno,ename,salay  
from emp  
where salary<> 50000