

```

MariaDB [clgdb]> create table emp (
    -> id int,
    -> name varchar(31),
    -> age int,
    -> address varchar(31),
    -> salary int,
    -> deptid int);
Query OK, 0 rows affected (0.036 sec)

```

```

MariaDB [clgdb]> desc emp
    -> ;

```

Field	Type	Null	Key	Default	Extra
id	int(11)	YES		NULL	
name	varchar(31)	YES		NULL	
age	int(11)	YES		NULL	
address	varchar(31)	YES		NULL	
salary	int(11)	YES		NULL	
deptid	int(11)	YES		NULL	

```

6 rows in set (0.001 sec)

```

```

MariaDB [clgdb]> create table dept (
    -> did int,
    -> dname varchar(31),
    -> jid int);
Query OK, 0 rows affected (0.034 sec)

```

```

MariaDB [clgdb]> desc dept;

```

Field	Type	Null	Key	Default	Extra
did	int(11)	YES		NULL	
dname	varchar(31)	YES		NULL	
jid	int(11)	YES		NULL	

```

3 rows in set (0.001 sec)

```

```

MariaDB [clgdb]> insert into emp values
    -> (1, 'Shuwais', 21, 'vskp', 200000, 1),
    -> (2, 'Pravesh', 33, 'kol', 100000, 3),
    -> (3, 'Kamal', 27, 'pun', 3000000, 2),
    -> (4, 'Shivam', 19, 'Hyd', 300000, 2),
    -> (5, 'Niteesh', 29, 'vskp', 1000000, 1),

```

```

-> (6, 'Abhiram', 38, 'nel', 300000, 2),
-> (7, 'Karthik', 15, 'Hyd', 4000, 2),
-> (8, 'Sumanth', 18, 'Ell', 5000, 1);

```

MariaDB [clgdb]> **select** * **from** emp;

id	name	age	address	salary	deptid
1	Shuwais	21	vskp	200000	1
2	Pravesh	33	kol	100000	3
3	Kamal	27	pun	3000000	2
4	Shivam	19	Hyd	300000	2
5	Niteesh	29	vskp	1000000	1
6	Abhiram	38	nel	300000	2
7	Karthik	15	Hyd	4000	2
8	Sumanth	18	Ell	5000	1

-----QUESTION - 1 -----

MariaDB [clgdb]> **create table** emp_bk(

```

-> id int,
-> name varchar(31),
-> age int,
-> address varchar(31),
-> salary int,
-> deptid int);

```

Query OK, 0 rows affected (0.032 sec)

MariaDB [clgdb]> **desc** emp_bk;

Field	Type	Null	Key	Default	Extra
id	int(11)	YES		NULL	
name	varchar(31)	YES		NULL	
age	int(11)	YES		NULL	
address	varchar(31)	YES		NULL	
salary	int(11)	YES		NULL	
deptid	int(11)	YES		NULL	

6 rows in set (0.001 sec)

MariaDB [clgdb]> **insert into** emp_bk **select** * **from** emp;

Query OK, 8 rows affected (0.014 sec)

Records: 8 Duplicates: 0 Warnings: 0

```
MariaDB [clgdb]> select * from emp_bk;
```

```
+-----+-----+-----+-----+-----+-----+
| id  | name  | age  | address | salary | deptid |
+-----+-----+-----+-----+-----+-----+
| 1  | Shuwais | 21  | vskp    | 200000 | 1      |
| 2  | Pravesh | 33  | kol     | 100000 | 3      |
| 3  | Kamal  | 27  | pun     | 3000000 | 2      |
| 4  | Shivam | 19  | Hyd     | 300000 | 2      |
| 5  | Niteesh | 29  | vskp    | 1000000 | 1      |
| 6  | Abhiram | 38  | nel     | 300000 | 2      |
| 7  | Karthik | 15  | Hyd     | 4000    | 2      |
| 8  | Sumanth | 18  | Ell     | 5000    | 1      |
+-----+-----+-----+-----+-----+-----+
8 rows in set (0.000 sec)
```

-----QUESTION - 2-----

```
MariaDB [clgdb]> update emp
-> set salary = salary * 1.25
-> where age > 29;
```

```
MariaDB [clgdb]> select * from emp;
```

```
+-----+-----+-----+-----+-----+-----+
| id  | name  | age  | address | salary | deptid |
+-----+-----+-----+-----+-----+-----+
| 1  | Shuwais | 21  | vskp    | 200000 | 1      |
| 2  | Pravesh | 33  | kol     | 125000 | 3      |
| 3  | Kamal  | 27  | pun     | 3000000 | 2      |
| 4  | Shivam | 19  | Hyd     | 300000 | 2      |
| 5  | Niteesh | 29  | vskp    | 1000000 | 1      |
| 6  | Abhiram | 38  | nel     | 375000 | 2      |
| 7  | Karthik | 15  | Hyd     | 4000    | 2      |
| 8  | Sumanth | 18  | Ell     | 5000    | 1      |
+-----+-----+-----+-----+-----+-----+
8 rows in set (0.000 sec)
```

-----QUESTION - 3-----

```
MariaDB [clgdb]> delete from emp
-> where age < 20;
Query OK, 3 rows affected (0.013 sec)
```

```
MariaDB [clgdb]> select * from emp;
```

```
+-----+-----+-----+-----+-----+-----+
| id  | name  | age | address | salary | deptid |
+-----+-----+-----+-----+-----+-----+
| 1  | Shuwais | 21 | vskp    | 200000 | 1      |
| 2  | Pravesh | 33 | kol     | 125000 | 3      |
| 3  | Kamal  | 27 | pun     | 3000000 | 2      |
| 5  | Niteesh | 29 | vskp    | 1000000 | 1      |
| 6  | Abhiram | 38 | nel     | 375000 | 2      |
+-----+-----+-----+-----+-----+-----+
5 rows in set (0.000 sec)
```

-----QUESTION - 4-----

```
MariaDB [clgdb]> select name, id from emp e
-> where salary = (
-> select min(salary) from emp
-> where deptid = e.deptid);
```

```
+-----+-----+
| name  | id  |
+-----+-----+
| Shuwais | 1  |
| Pravesh | 2  |
| Abhiram | 6  |
+-----+-----+
3 rows in set (0.001 sec)
```

-----QUESTION - 5-----

```
MariaDB [clgdb]> select deptid, name, jid, dname
-> from emp
-> join dept
-> on deptid = did
-> where dname = 'finance';
```

```
+-----+-----+-----+-----+
| deptid | name  | jid | dname  |
+-----+-----+-----+-----+
| 2      | Kamal | 4   | Finance |
| 2      | Abhiram | 4   | Finance |
+-----+-----+-----+-----+
2 rows in set (0.001 sec)
```

