```
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 |
+-----
| salary | int(11) | YES | | NULL | deptid | int(11) | YES | | NULL
                                 Ì
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;
+----+
+-----
3 rows in set (0.001 \text{ 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;
```

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

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 name age address salary deptid	int(11) varchar(31) int(11) varchar(31) int(11) int(11)	YES YES YES YES YES		NULL NULL NULL NULL 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	•		-	deptid
	Shuwais		vskp	200000	
1 2	Pravesh	33	kol	100000	3
1 3	Kamal	27	pun	3000000	2
4	Shivam	19	Hyd	300000	2
I 5	Niteesh	29	vskp	1000000	1 1
I 6	Abhiram	38	nel	300000	2
7	Karthik	l 15 l	Hyd	4000	1 2 1
l 8	Sumanth	l 18 l	Ell	5000	1 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;

+			name age address		İ	salary				
i	1	ĺ	Shuwais			vskp	ĺ	200000	ĺ	1
1	2	I	Pravesh	33	l	kol	I	125000	١	3
	3	I	Kamal	27	١	pun	I	3000000	١	2
	4	I	Shivam	19	١	Hyd	I	300000	١	2
	5	I	Niteesh	29	١	vskp	I	1000000	١	1 I
	6	I	Abhiram	38	l	nel	1	375000	١	2
1	7	١	Karthik	15	١	Hyd	1	4000	١	2
1	8	I	Sumanth	18	١	Ell	1	5000		1
+		+		<i></i>	+		+		-+	+

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)</pre>

```
MariaDB [clgdb]> select * from emp;
+----+
\mid id \mid name \mid age \mid address \mid salary \mid deptid \mid
+----+
1 | Shuwais | 21 | vskp | 200000 |
| 2 | Pravesh | 33 | kol | 125000 |
| 3 | Kamal | 27 | pun | 3000000 |
| 5 | Niteesh | 29 | vskp | 1000000 |
                                     1
   6 | Abhiram | 38 | nel | 375000 |
+----+
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);
+----+
+----+
| Shuwais | 1 |
| Pravesh | 2 |
| Abhiram | 6 |
+----+
3 \text{ rows in set } (0.001 \text{ 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)
```
