

DDL ASSIGNMENT1

Q1

->

MariaDB [(none)]> show databases;

```
+-----+
| Database      |
+-----+
| information_schema |
| mysql         |
| performance_schema |
| phpmyadmin    |
| test         |
+-----+
```

5 rows in set (0.004 sec)

MariaDB [(none)]>

Q2

->

MariaDB [assignment]> create table country(country_id int ,country_name
varchar(20),region_id int);

Query OK, 0 rows affected (0.034 sec)

MariaDB [assignment]> desc country;

```
+-----+-----+-----+-----+-----+-----+
| Field      | Type      | Null | Key | Default | Extra |
+-----+-----+-----+-----+-----+-----+
```

```

+-----+-----+-----+-----+-----+
| country_id | int(11) | YES | | NULL | | |
| country_name | varchar(20) | YES | | NULL | | |
| region_id | int(11) | YES | | NULL | | |
+-----+-----+-----+-----+-----+
3 rows in set (0.020 sec)

```

MariaDB [assignment]>

Q3

```

->MariaDB [assignment]> create table jobs(job_id int primary key,job_title
varchar(20) not null,min_salary int ,max_salary int check(max_salary<25000));
Query OK, 0 rows affected (0.024 sec)

```

MariaDB [assignment]> desc jobs;

```

+-----+-----+-----+-----+-----+
| Field | Type | Null | Key | Default | Extra |
+-----+-----+-----+-----+-----+
| job_id | int(11) | NO | PRI | NULL | |
| job_title | varchar(20) | NO | | NULL | |
| min_salary | int(11) | YES | | NULL | |
| max_salary | int(11) | YES | | NULL | |
+-----+-----+-----+-----+-----+
4 rows in set (0.013 sec)

```

Q4

```

->MariaDB [assignment]> create table job_hstry(employeeid int,startdate
date,enddate date,job_id int,department_id int);

```

Query OK, 0 rows affected (0.024 sec)

MariaDB [assignment]> show tables;

```
+-----+
| Tables_in_assignment |
+-----+
| country              |
| job_hstry            |
| jobs                 |
+-----+
```

Q5

->

MariaDB [assignment]> alter table country modify country_id int primary key;

Query OK, 0 rows affected (0.045 sec)

Records: 0 Duplicates: 0 Warnings: 0

MariaDB [assignment]> desc country;

```
+-----+-----+-----+-----+-----+-----+
| Field      | Type      | Null | Key | Default | Extra |
+-----+-----+-----+-----+-----+-----+
| country_id | int(11)    | NO   | PRI | NULL    |      |
| country_name | varchar(20) | YES  |     | NULL    |      |
| region_id   | int(11)    | YES  |     | NULL    |      |
+-----+-----+-----+-----+-----+-----+
```

3 rows in set (0.011 sec)

Q6

->

```
MariaDB [assignment]> alter table jobs modify column min_salary  
decimal(18,2) default 8000;
```

Query OK, 0 rows affected (0.011 sec)

Records: 0 Duplicates: 0 Warnings: 0

```
MariaDB [assignment]> alter table jobs modify column max_salary  
decimal(18,2) null;
```

Query OK, 0 rows affected (0.012 sec)

Records: 0 Duplicates: 0 Warnings: 0

```
MariaDB [assignment]> alter table jobs modify column job_title varchar(20)  
default " ";
```

Query OK, 0 rows affected (0.046 sec)

Records: 0 Duplicates: 0 Warnings: 0

```
MariaDB [assignment]> desc jobs;
```

Field	Type	Null	Key	Default	Extra
job_id	int(11)	NO	PRI	NULL	
job_title	varchar(20)	YES			
min_salary	decimal(18,2)	YES		8000.00	
max_salary	decimal(18,2)	YES		NULL	

Q7

->

```
MariaDB [assignment]> create table department(department_id decimal(4,0)
default '0',department_name varchar(30) not null,manager_id decimal(6,0)
default '0',location_id decimal(4,0) ,primary key(department_id,manager_id));
```

Query OK, 0 rows affected (0.022 sec)

```
MariaDB [assignment]> desc department;
```

Field	Type	Null	Key	Default	Extra
department_id	decimal(4,0)	NO	PRI	0	
department_name	varchar(30)	NO		NULL	
manager_id	decimal(6,0)	NO	PRI	0	
location_id	decimal(4,0)	YES		NULL	

4 rows in set (0.012 sec)

Q8

->

```
MariaDB [assignment]> create table employees (employee_id decimal(4,0)
primary key default '0',first_name varchar(30) default 'NULL',last_name
varchar(30) not null,email varchar(20) not null,phone_number bigint
default'0',hire_date date not null,job_id varchar(20) not null,salary decimal(8,2)
not null,commission decimal(2,2) not null,manager_id decimal(6,0) default
'0',department_id decimal(4,0) default '0',foreign
key(department_id,manager_id) references
department(department_id,manager_id));
```

Query OK, 0 rows affected (0.024 sec)

MariaDB [assignment]> desc employees;

Field	Type	Null	Key	Default	Extra
employee_id	decimal(4,0)	NO	PRI	0	
first_name	varchar(30)	YES		NULL	
last_name	varchar(30)	NO		NULL	
email	varchar(20)	NO		NULL	
phone_number	bigint(20)	YES		0	
hire_date	date	NO		NULL	
job_id	varchar(20)	NO		NULL	
salary	decimal(8,2)	NO		NULL	
commission	decimal(2,2)	NO		NULL	
manager_id	decimal(6,0)	YES		0	
department_id	decimal(4,0)	YES	MUL	0	

11 rows in set (0.007 sec)