

Name: Ramiz Rizvi

Registration no.: cs211082

Q1 & Q2:

	Field	Type	Null	Key	Default	Extra
▶	employeeID	int	NO	PRI	NULL	auto_increment
	firstName	varchar(20)	YES		NULL	
	lastName	varchar(20)	YES		NULL	
	hiringDate	date	YES		NULL	
	deptID	int	YES	MUL	NULL	
	jobID	varchar(20)	YES	MUL	NULL	

	Field	Type	Null	Key	Default	Extra
▶	deptID	int	NO	PRI	NULL	auto_increment
	deptName	varchar(20)	YES		NULL	
	locationID	int	YES	MUL	NULL	

	Field	Type	Null	Key	Default	Extra
▶	jobID	varchar(20)	NO	PRI	NULL	
	jobTitle	varchar(20)	YES		NULL	
	salary	int	YES		NULL	

	Field	Type	Null	Key	Default	Extra
▶	locationID	int	NO	PRI	NULL	auto_increment
	city	varchar(20)	YES		NULL	
	country	varchar(20)	YES		NULL	

Q3:

Result Grid Filter Rows: Export: Wrap Cell Content						
	Field	Type	Null	Key	Default	Extra
▶	locationID	int	NO	PRI	NULL	auto_increment
	city	varchar(20)	YES		Karachi	
	country	varchar(20)	YES		Pakistan	

Q4:

	employeeID	firstName	lastName	hiringDate	deptID	jobID
▶	1	Ramis	Rizvi	2022-05-20	1	ENG123
	2	Junaid	Anser	2021-05-20	2	ENG123
*	NULL	NULL	NULL	NULL	NULL	NULL

	deptID	deptName	locationID
▶	1	finance	1
	2	Marketing	2
	3	Sales	3
	4	teaching	4
	NULL	NULL	NULL

	jobID	jobTitle	salary
▶	ENG123	Sales	50000
	ENG143	Marketing	50000
	ENG154	officer	50000
	MAN123	Manager	50000

	locationID	city	country
▶	1	karachi	pakistan
	2	hyderabad	pakistan
	3	lahore	pakistan
	4	islamabad	pakistan
	NULL	NULL	NULL

Q5:

	Field	Type	Null	Key	Default	Extra
▶	employeeID	int	NO	PRI	NULL	auto_increment
	firstName	varchar(20)	NO		NULL	
	lastName	varchar(20)	NO		NULL	
	hiringDate	date	YES		NULL	
	deptID	int	YES	MUL	NULL	

	Field	Type	Null	Key	Default	Extra
▶	deptID	int	NO	PRI	NULL	auto_increment
	deptName	varchar(20)	NO		NULL	
	locationID	int	YES	MUL	NULL	

	Field	Type	Null	Key	Default	Extra
▶	jobID	varchar(20)	NO	PRI	NULL	
	jobTitle	varchar(20)	NO		NULL	
	salary	int	YES		NULL	

Q6:

#task-6

```
update department set locationID = null where locationID = 1;
```

```
delete from location where locationID = 1;
```

```
select * from department;
```

	deptID	deptName	locationID
▶	1	finance	NULL
	2	Marketing	2
	3	Sales	3
	4	teaching	4
*	NULL	NULL	NULL