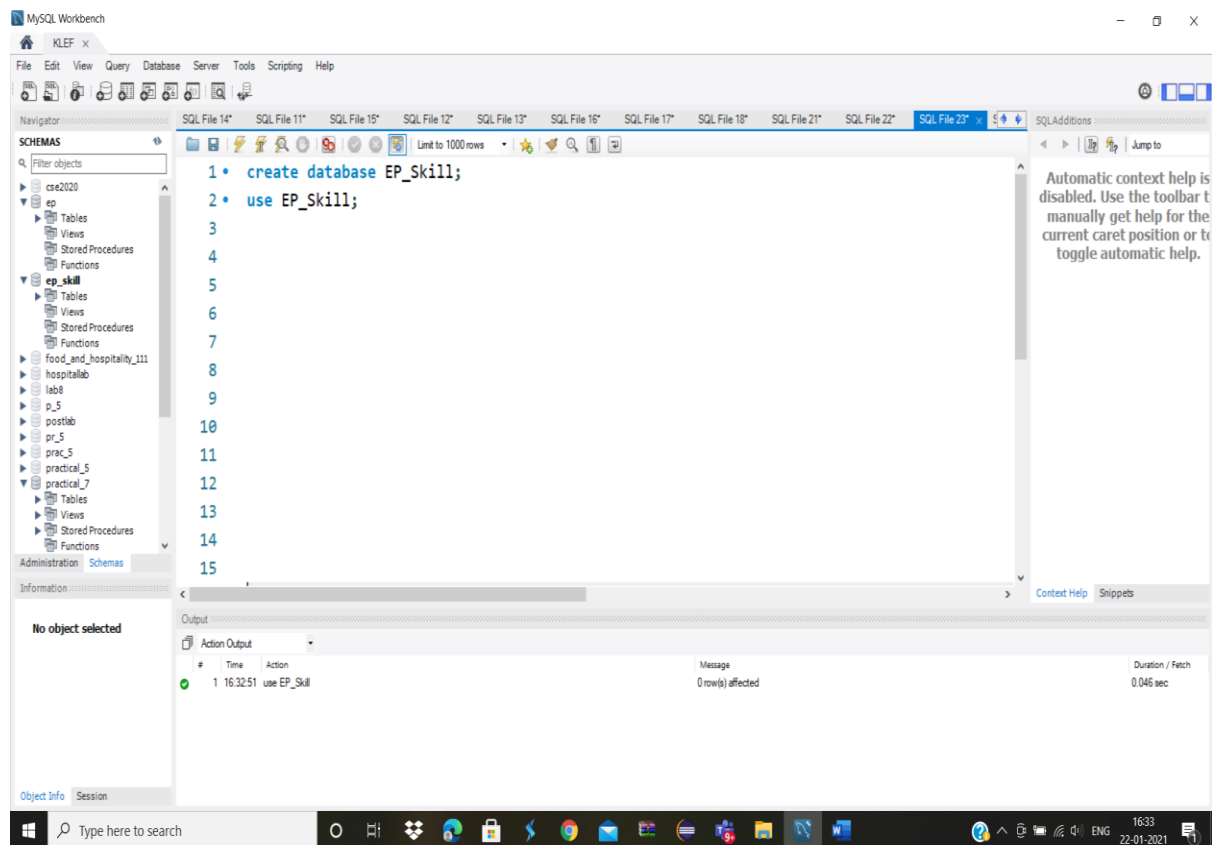
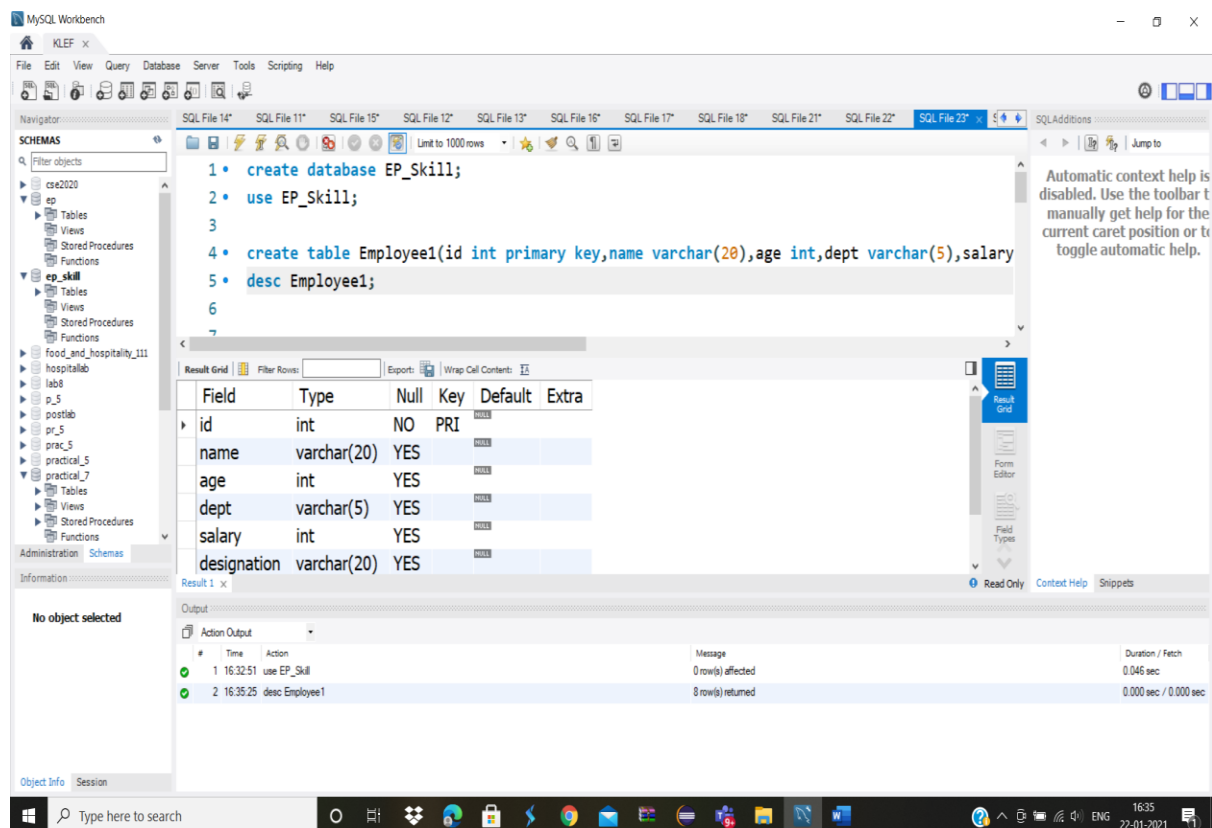


## DATABASE CREATION:



## TABLE CREATION:



## INSERTING THE DATA AND DISPLAYING TABLE:

The screenshot shows the MySQL Workbench interface. The SQL Editor contains the following queries:

```
8 • insert into Employee1 values(1902,'karthik',30,'sales',20000,'staff','1990-07-09');
9 • insert into Employee1 values(1903,'priyanka',31,'sales',18000,'staff','1989-03-09');
10 • insert into Employee1 values(1904,'ramu',33,'sales',30000,'manager','1987-08-05');
11 • insert into Employee1 values(1905,'ganesh',35,'sales',15000,'staff','1985-06-09');
12
13 • select * from Employee1;
```

The Result Grid displays the data from the `Employee1` table:

id	name	age	dept	salary	designation	dob
1901	rajesh	28	sales	15000	executive	1992-08-09
1902	karthik	30	sales	20000	staff	1990-07-09
1903	priyanka	31	sales	18000	staff	1989-03-09
1904	ramu	33	sales	30000	manager	1987-08-05
1905	ganesh	35	sales	15000	staff	1985-06-09

The Output pane shows the execution log:

#	Time	Action	Message	Duration / Fetch
6	16:38:00	insert into Employee1 values(1901,'rajesh',28,'sales',15000,'executive','1992-08-09')	1 row(s) affected	0.031 sec
7	16:38:00	insert into Employee1 values(1902,'karthik',30,'sales',20000,'staff','1990-07-09')	1 row(s) affected	0.000 sec
8	16:38:00	insert into Employee1 values(1903,'priyanka',31,'sales',18000,'staff','1989-03-09')	1 row(s) affected	0.000 sec
9	16:38:00	insert into Employee1 values(1904,'ramu',33,'sales',30000,'manager','1987-08-05')	1 row(s) affected	0.000 sec
10	16:38:00	insert into Employee1 values(1905,'ganesh',35,'sales',15000,'staff','1985-06-09')	1 row(s) affected	0.000 sec
11	16:38:20	select * from Employee1 LIMIT 0, 1000	5 row(s) returned	0.000 sec / 0.000 sec

## UPDATION:

The screenshot shows the MySQL Workbench interface. The SQL Editor contains the following queries:

```
23
24
25 • update Employee1 set salary=12000 where id=1903;
26
27
28
29
```

The Result Grid displays the data from the `Employee1` table:

id	name	age	dept	salary	designation	dob
1901	rajesh	28	sales	15000	executive	1992-08-09
1902	karthik	30	sales	20000	staff	1990-07-09
1903	priyanka	31	sales	12000	staff	1989-03-09
1904	ramu	33	sales	30000	manager	1987-08-05
1905	ganesh	35	sales	15000	staff	1985-06-09

The Output pane shows the execution log:

#	Time	Action	Message	Duration / Fetch
8	16:38:00	insert into Employee1 values(1903,'priyanka',31,'sales',18000,'staff','1989-03-09')	1 row(s) affected	0.000 sec
9	16:38:00	insert into Employee1 values(1904,'ramu',33,'sales',30000,'manager','1987-08-05')	1 row(s) affected	0.000 sec
10	16:38:00	insert into Employee1 values(1905,'ganesh',35,'sales',15000,'staff','1985-06-09')	1 row(s) affected	0.000 sec
11	16:38:20	select * from Employee1 LIMIT 0, 1000	5 row(s) returned	0.000 sec / 0.000 sec
12	16:40:02	update Employee1 set salary=12000 where id=1903	1 row(s) affected Rows matched: 1 Changed: 1 Warnings: 0	0.000 sec
13	16:40:09	select * from Employee1 LIMIT 0, 1000	5 row(s) returned	0.000 sec / 0.000 sec

## ALTER COMMAND:

The screenshot shows the MySQL Workbench interface. In the SQL editor, the command `alter table Employee1 add(address varchar(20));` is entered. The left sidebar shows a tree of databases and tables. The bottom pane displays the 'Output' tab with a table of execution results.

#	Time	Action	Message	Duration / Fetch
10	16:38:00	insert into Employee1 values(1905,'ganesh',35,'sales',15000,'staff','1985-06-09')	1 row(s) affected	0.000 sec
11	16:38:20	select * from Employee1 LIMIT 0, 1000	5 row(s) returned	0.000 sec / 0.000 sec
12	16:40:02	update Employee1 set salary=12000 where id=1903	1 row(s) affected Rows matched: 1 Changed: 1 Warnings: 0	0.000 sec
13	16:40:09	select * from Employee1 LIMIT 0, 1000	5 row(s) returned	0.000 sec / 0.000 sec
14	16:41:21	alter table Employee1 add(address varchar(20))	0 row(s) affected Records: 0 Duplicates: 0 Warnings: 0	0.219 sec
15	16:41:27	select * from Employee1 LIMIT 0, 1000	5 row(s) returned	0.000 sec / 0.000 sec

## DELETION:

The screenshot shows the MySQL Workbench interface. In the SQL editor, the command `delete from Employee1 where id=1902;` is entered. The bottom pane displays the 'Output' tab with a table of execution results.

#	Time	Action	Message	Duration / Fetch
12	16:40:02	update Employee1 set salary=12000 where id=1903	1 row(s) affected Rows matched: 1 Changed: 1 Warnings: 0	0.000 sec
13	16:40:09	select * from Employee1 LIMIT 0, 1000	5 row(s) returned	0.000 sec / 0.000 sec
14	16:41:21	alter table Employee1 add(address varchar(20))	0 row(s) affected Records: 0 Duplicates: 0 Warnings: 0	0.219 sec
15	16:41:27	select * from Employee1 LIMIT 0, 1000	5 row(s) returned	0.000 sec / 0.000 sec
16	16:42:32	delete from Employee1 where id=1902	1 row(s) affected	0.016 sec
17	16:42:40	select * from Employee1 LIMIT 0, 1000	4 row(s) returned	0.000 sec / 0.000 sec

## UPDATES:

The screenshot displays the MySQL Workbench interface. The SQL Editor at the top contains the following queries:

```
43
44 • update Employee1 set address='Vijayawada' where id=1901;
45 • update Employee1 set address='Guntur' where id=1903;
46 • update Employee1 set address='Eluru' where id=1904;
47 • update Employee1 set address='Vijayawada' where id=1905;
48 • select * from Employee1;
```

The Result Grid below the editor shows the data from the 'Employee1' table:

id	name	age	dept	salary	designation	dob	address
1901	rajesh	28	sales	15000	executive	1992-08-09	Vijayawada
1903	priyanka	31	sales	12000	staff	1989-03-09	Guntur
1904	ramu	33	sales	30000	manager	1987-08-05	Eluru
1905	ganesh	35	sales	15000	staff	1985-06-09	Vijayawada

The Output pane at the bottom shows the execution log:

#	Time	Action	Message	Duration / Fetch
17	16:42:40	select * from Employee1 LIMIT 0, 1000	4 row(s) returned	0.000 sec / 0.000 sec
18	16:43:31	update Employee1 set address='Vijayawada' where id=1901	1 row(s) affected Rows matched: 1 Changed: 1 Warnings: 0	0.016 sec
19	16:43:31	update Employee1 set address='Guntur' where id=1903	1 row(s) affected Rows matched: 1 Changed: 1 Warnings: 0	0.000 sec
20	16:43:31	update Employee1 set address='Eluru' where id=1904	1 row(s) affected Rows matched: 1 Changed: 1 Warnings: 0	0.000 sec
21	16:43:31	update Employee1 set address='Vijayawada' where id=1905	1 row(s) affected Rows matched: 1 Changed: 1 Warnings: 0	0.000 sec
22	16:43:48	select * from Employee1 LIMIT 0, 1000	4 row(s) returned	0.000 sec / 0.000 sec