



Assignment 1

Create table1 as worker with their ID,first name ,last name ,salary,joining date ,department & table 2 Bonus with workers ref ID, Bonus date ,Bonus amount and table 3 Title with worker ref ID ,worker title.fill the details in each row of tables by making use of DDL & DML commands.

Create database factory;

Use factory;

```
create table worker(id int not null primary key,  
firstName varchar(20) not null,  
lastName varchar(20) not null,  
salary int, joiningDate date,  
department varchar(20));
```

desc worker;

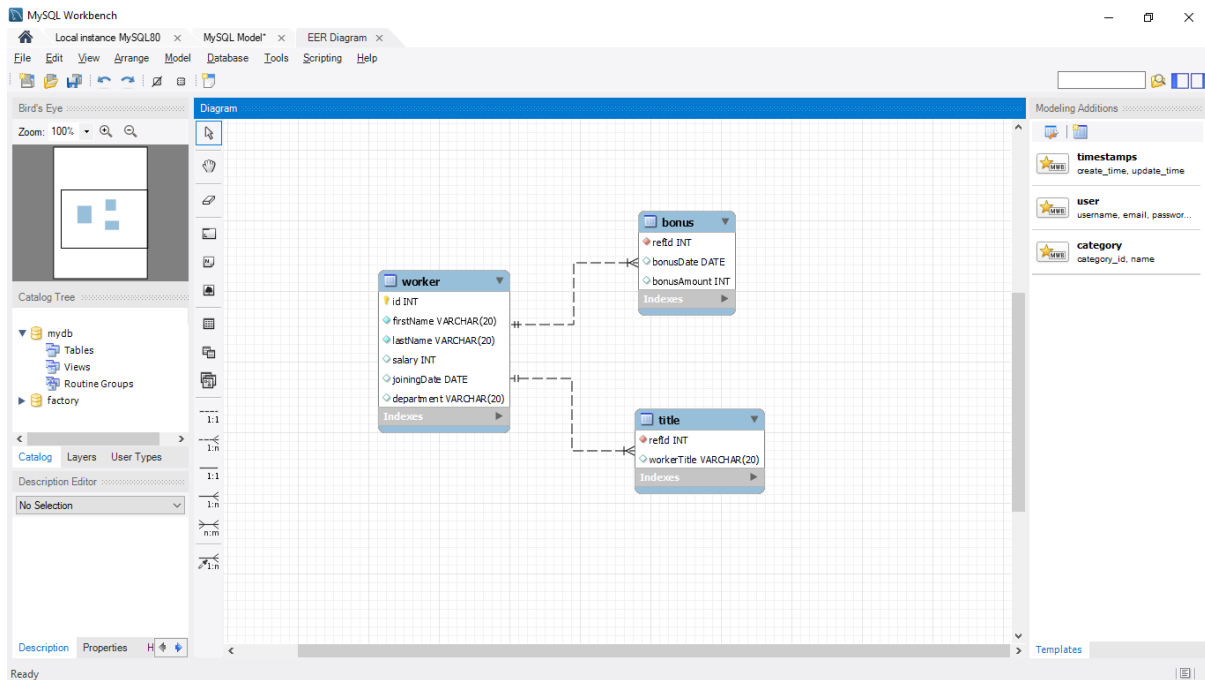
```
create table bonus(refId int not null,  
bonusDate date,  
bonusAmount int,  
foreign key (refId) references worker(id));
```

desc bonus;

```
create table title(refId int not null,  
workerTitle varchar(20) not null,  
foreign key (refId) references worker(id));
```

desc title;





```
insert into worker values(1, "jeethendra", "S R", 100000, "2022-08-17", "CSE");
```

```
insert into worker values(2, "Monika", "B A", 100000, "2022-08-9", "CSE");
```

```
insert into worker values(3, "Shivkumar", "Panchal", 100000, "2022-08-20", "IT");
```

```
select * from worker;
```



MySQL Workbench

Local instance MySQL80 x

File Edit View Query Database Server Tools Scripting Help

Navigator

Filter objects

SCHEMAS

cars

college

factory

Tables

bonus

title

worker

Columns

id

firstName

lastName

salary

joiningDate

department

Indexes

Foreign Keys

Triggers

Views

Shared Databases

Administration Schemas

Information

Connection Details

Local instance

MySQL80

localhost

B306

root

Use root@localhost

Use root@localhost

Use root@localhost

Use root@localhost

Server

MySQL Community

Object Info Session

Query 1 x

4 desc bonus;

5 drop table bonus;

6

7 insert into worker values(1, "jeethendra", "S R", 100000, "2022-08-17", "CSE");

8 insert into worker values(2, "Monika", "B A", 100000, "2022-08-9", "CSE");

9 insert into worker values(3, "Shivkumar", "Panchal", 100000, "2022-08-20", "IT");

10 select * from worker;

Result Grid

	id	firstName	lastName	salary	joiningDate	department
1	1	jeethendra	S R	100000	2022-08-17	CSE
2	2	Monika	B A	100000	2022-08-09	CSE
3	3	Shivkumar	Panchal	100000	2022-08-20	IT

worker 15 x

Apply Context Help Snippets

Output

Action Output

#	Time	Action	Message	Duration / Fetch
50	22:26:51	insert into worker values(1, "jeethendra", "S R", 100000, "2022-08-17", "CSE")	Error Code: 1062. Duplicate entry '1' for key 'worker.PRIMARY'	0.000 sec
51	22:27:59	insert into worker values(2, "Monika", "B A", 100000, "2022-08-9", "CSE")	1 row(s) affected	0.016 sec
52	22:28:01	insert into worker values(3, "Shivkumar", "Panchal", 100000, "2022-08-20", "IT")	1 row(s) affected	0.000 sec
53	22:28:03	select * from worker LIMIT 0, 1000	3 row(s) returned	0.000 sec / 0.000 sec

Query Completed

insert into title values(1, "Software Engineer");

insert into title values(2, "SDE-1");

insert into title values(3, "Software Engineer-2");

select * from title;

MySQL Workbench

Local instance MySQL80 x

File Edit View Query Database Server Tools Scripting Help

Navigator

Filter objects

SCHEMAS

cars

college

factory

Tables

bonus

title

worker

Columns

refId

workerTitle

Indexes

Foreign Keys

Triggers

Views

Shared Databases

Administration Schemas

Information

Connection Details

Local instance

MySQL80

localhost

B306

root

Use root@localhost

Use root@localhost

Use root@localhost

Use root@localhost

Server

MySQL Community

Object Info Session

Query 1 x

10

11 insert into title values(1, "Software Engineer");

12 insert into title values(2, "SDE-1");

13 insert into title values(3, "Software Engineer-2");

14 select * from title;

15

16

Result Grid

	refId	workerTitle
1	1	Software Engineer
2	2	SDE-1
3	3	Software Engineer-2

title 16 x

Read Only Context Help Snippets

Output

Action Output

#	Time	Action	Message	Duration / Fetch
54	22:30:37	insert into title values(1, "Software Engineer")	1 row(s) affected	0.000 sec
55	22:30:39	insert into title values(2, "SDE-1")	1 row(s) affected	0.016 sec
56	22:30:40	insert into title values(3, "Software Engineer-2")	1 row(s) affected	0.016 sec
57	22:30:42	select * from title LIMIT 0, 1000	3 row(s) returned	0.000 sec / 0.000 sec

Query Completed





```
insert into bonus values(1, "2022-09-17", 30000);
```

```
insert into bonus values(3, "2022-09-17", 70000);
```

```
select * from bonus;
```

A screenshot of the MySQL Workbench interface. The top toolbar includes icons for File, Edit, View, Query, Database, Server, Tools, Scripting, and Help. The left sidebar shows the 'SCHEMAS' tree with a search filter 'Filter objects'. Under 'factory', the 'bonus' table is selected, showing its columns: refId, bonusDate, and bonusAmount. The main 'Query Editor' window contains three SQL statements:

```
15  
16 insert into bonus values(1, "2022-09-17", 30000);  
17 insert into bonus values(3, "2022-09-17", 70000);  
18 select * from bonus;  
19  
20  
21
```

The 'Result Grid' below the editor shows the output of the third query, displaying two rows of data:

refId	bonusDate	bonusAmount
1	2022-09-17	30000
3	2022-09-17	70000

The bottom panel shows the 'Output' tab with a table of execution results:

#	Time	Action	Message	Duration / Fetch
57	22:30:42	select * from title LIMIT 0, 1000	3 row(s) returned	0.000 sec / 0.000 sec
58	22:32:26	insert into bonus values(1, "2022-09-17", 30000)	1 row(s) affected	0.016 sec
59	22:32:28	insert into bonus values(3, "2022-09-17", 70000)	1 row(s) affected	0.016 sec
60	22:32:29	select * from bonus LIMIT 0, 1000	2 row(s) returned	0.000 sec / 0.000 sec

