

```
alter table Associate_Status add column Batch_Id varchar(20) references Batch_Info(Batch_Id);
alter table Associate_Status add column Trainer_Id varchar(20) references Emp_Detail(Trainer_Id);
```

```
alter table Associate_Status Modify column Start_Date date;
alter table Associate_Status Modify column End_Date date;
```

## Trainer Info table

```
create table trainer_info
(Trainer_Id varchar(20),Salutation varchar(7),Trainer_Name varchar(30),
Trainer_Location varchar(30),Trainer_Track varchar(15),Trainer_Qualification varchar (100),
Trainer_Experience integer(11),Trainer_Email varchar(100),Trainer_Password varchar(20));
select * from trainer_info;
insert into trainer_info values
('F001','Mr.','PANKAJ GHOSH','Pune','Java','Bachelor of
Technology','12','Pankaj.Ghosh@alliance.com','fac1@123'),
('F002','Mr.','SANJAY RADHAKRISHNAN ','Bangalore','DotNet','Bachelor of
Technology','12','Sanjay.Radhakrishnan@alliance.com','fac2@123'),
('F003','Mr.','VIJAY MATHUR','Chennai','Mainframe','Bachelor of
Technology','10','Vijay.Mathur@alliance.com','fac3@123'),
('F004','Mrs.','NANDINI NAIR','Kolkata','Java','Master of Computer
Applications','9','Nandini.Nair@alliance.com','fac4@123'),
('F005','Miss.','ANITHA PAREKH','Hyderabad','Testing','Master of Computer
Applications','6','Anitha.Parekh@alliance.com','fac5@123'),
('F006','Mr.','MANOJ AGRAWAL','Mumbai','Mainframe','Bachelor of
Technology','9','Manoj.Agrawal@alliance.com','fac6@123'),
('F007','Ms.','MEENA KULKARNI','Coimbatore','Testing','Bachelor of
Technology','5','Meena.Kulkarni@alliance.com','fac7@123'),
('F009','Mr.','SAGAR MENON','Mumbai','Java','Master of Science In Information
Technology','12','Sagar.Menon@alliance.com','fac8@123');
select * from trainer_info;
```

## Batch Info Table

```
Create table Batch_Info(
Batch_Id varchar(20),Batch_Owner varchar(30),Batch_BU_Name varchar(30));
select * from Batch_Info;
insert into Batch_Info values('B001','MRS.SWATI ROY','MSP'),
('B002','MRS.ARURNA K','HEALTHCARE'),
('B003','MR.RAJESH KRISHNAN','LIFE SCIENCES'),
('B004','MR.SACHIN SHETTY','BFS'),
('B005','MR.RAMESH PATEL','COMMUNICATIONS'),
('B006','MRS.SUSAN CHERIAN','RETAIL & HOSPITALITY'),
('B007','MRS.SAMPADA JAIN','MSP'),
('B008','MRS.KAVITA REGE','BPO'),
('B009','MR.RAVI SEJPAL','MSP');
select * from Batch_Info;
```

## Module Info Table

```
insert into Module_Info values
('O10SQL','Oracle 10g SQL',16),
('O10PLSQL','Oracle 10g PL/ SQL',16),
('J2SE','Core Java SE 1.6',288),
```

```
( 'J2EE', 'Advanced Java EE 1.6', 80),
( 'JAVAFX', 'JavaFX 2.1', 80),
( 'DOTNET4', '.Net Framework 4.0', 50),
( 'SQL2008', 'MS SQL Server 2008', 120),
( 'MSBI08', 'MS BI Studio 2008', 158),
( 'SHRPNT', 'MS Share Point', 80),
( 'ANDRD4', 'Android 4.0', 200),
( 'EM001', 'Instructor', 0),
( 'EM002', 'Course Material', 0),
( 'EM003', 'Learning Effectiveness', 0),
( 'EM004', 'Environment', 0),
( 'EM005', 'Job Impact', 0),
( 'TM001', 'Attendees', 0),
( 'TM002', 'Course Material', 0),
( 'TM003', 'Environment', 0);
```

## Associate Info table

insert into Associate\_Info values

```
( 'A001', 'Miss.', 'GAYATHRI NARAYANAN', 'Gurgaon', 'Java', 'Bachelor of
Technology', 'Gayathri.Narayanan@hp.com', 'tne1@123'),
( 'A002', 'Mrs.', 'RADHIKA MOHAN', 'Kerala', 'Java', 'Bachelor of Engineering In Information
Technology', 'Radhika.Mohan@cognizant.com', 'tne2@123'),
( 'A003', 'Mr.', 'KISHORE SRINIVAS', 'Chennai', 'Java', 'Bachelor of Engineering In
Computers', 'Kishore.Srinivas@ibm.com', 'tne3@123'),
( 'A004', 'Mr.', 'ANAND RANGANATHAN', 'Mumbai', 'DotNet', 'Master of Computer
Applications', 'Anand.Ranganathan@finolex.com', 'tne4@123'),
( 'A005', 'Miss.', 'LEELA MENON', 'Kerala', 'Mainframe', 'Bachelor of Engineering In Information
Technology', 'Leela.Menon@microsoft.com', 'tne5@123'),
( 'A006', 'Mrs.', 'ARTI KRISHNAN', 'Pune', 'Testing', 'Master of Computer
Applications', 'Arti.Krishnan@cognizant.com', 'tne6@123'),
( 'A007', 'Mr.', 'PRABHAKAR SHUNMUGHAM', 'Mumbai', 'Java', 'Bachelor of
Technology', 'Prabhakar.Shunmugham@honda.com', 'tne7@123');
```

## Question Table

insert into Questions values

```
( 'Q001', 'EM001', 'Instructor knowledgeable and able to handle all your queries'),
( 'Q002', 'EM001', 'All the topics in a particular course handled by the trainer without any gaps or
slippages'),
( 'Q003', 'EM002', 'The course materials presentation, handson, etc. referred during the training are
relevant and useful.'),
( 'Q004', 'EM002', 'The Hands on session adequate enough to grasp the understanding of the
topic.'),
( 'Q005', 'EM002', 'The reference materials suggested for each module are adequate.'),
( 'Q006', 'EM003', 'Knowledge and skills presented in this training are applicable at your work'),
( 'Q007', 'EM003', 'This training increases my proficiency level'),
( 'Q008', 'EM004', 'The physical environment e.g. classroom space, air-conditioning was conducive
to learning.'),
( 'Q009', 'EM004', 'The software/hardware environment provided was sufficient for the purpose of
the training.'),
( 'Q010', 'EM005', 'This training will improve your job performance.'),
( 'Q011', 'EM005', 'This training align with the business priorities and goals.'),
( 'Q012', 'TM001', 'Participants were receptive and had attitude towards learning.'),
( 'Q013', 'TM001', 'All participants gained the knowledge and the practical skills after this training.'),
( 'Q014', 'TM002', 'The course materials presentation, handson, etc. available for the session
covers the entire objectives of the course.'),
( 'Q015', 'TM002', 'Complexity of the course is adequate for the participate level.'),
```

```
('Q016','TM002','Case study and practical demos helpful in understanding of the topic'),
('Q017','TM003','The physical environment e.g. classroom space, air-conditioning was conducive
to learning.'),
('Q018','TM003','The software/hardware environment provided was adequate for the purpose of
the training.');
```

```
alter table Associate_Status add column Batch_Id varchar(20) references Batch_Info(Batch_Id);
alter table Associate_Status add column Trainer_Id varchar(20) references Emp_Detail(Trainer_Id);
```

## Associate Status table

```
insert into Associate_Status (Associate_Id, Module_Id, Batch_Id, Trainer_Id, Start_Date,
End_Date) values
```

```
('A001','O10SQL','B001','F001','2000-12-15','2000-12-25'),
('A002','O10SQL','B001','F001','2000-12-15','2000-12-25'),
('A003','O10SQL','B001','F001','2000-12-15','2000-12-25'),
('A001','O10PLSQL','B002','F002','2001-2-1','2001-2-12'),
('A002','O10PLSQL','B002','F002','2001-2-1','2001-2-12'),
('A003','O10PLSQL','B002','F002','2001-2-1','2001-2-12'),
('A001','J2SE','B003','F003','2002-8-20','2002-10-25'),
('A002','J2SE','B003','F003','2002-8-20','2002-10-25'),
('A001','J2EE','B004','F004','2005-12-1','2005-12-25'),
('A002','J2EE','B004','F004','2005-12-1','2005-12-25'),
('A003','J2EE','B004','F004','2005-12-1','2005-12-25'),
('A004','J2EE','B004','F004','2005-12-1','2005-12-25'),
('A005','JAVAFX','B005','F006','2005-12-4','2005-12-20'),
('A006','JAVAFX','B005','F006','2005-12-4','2005-12-20'),
('A006','SQL2008','B006','F007','2007-6-21','2007-6-28'),
('A007','SQL2008','B006','F007','2007-6-21','2007-6-28'),
('A002','MSBI08','B007','F006','2009-6-26','2009-6-29'),
('A003','MSBI08','B007','F006','2009-6-26','2009-6-29'),
('A004','MSBI08','B007','F006','2009-6-26','2009-6-29'),
('A002','ANDRD4','B008','F005','2010-6-5','2010-6-28'),
('A005','ANDRD4','B008','F005','2010-6-5','2010-6-28'),
('A003','ANDRD4','B009','F005','2011-8-1','2011-8-20'),
('A006','ANDRD4','B009','F005','2011-8-1','2011-8-20');
```

## Exercise 2.1

```
select * from Emp_Detail;
update Emp_Detail set Trainer_Password='nn4@123' where Trainer_Id='F004';
select * from Emp_Detail;
select * from Associate_Status;
delete from Associate_Status where Associate_Id='A003' AND Module_Id='J2EE' AND
Batch_Id='B004' AND Trainer_Id='F004' AND Start_Date='2005-12-1' AND
End_Date='2005-12-25';
select * from Emp_Detail order by Trainer_Experience Desc limit 5;
```

--Create a dummy user in database. Grant create & select table privilege to him/her.

--Repeat the above all queries using login credentials of newly created user.

--Revoke the privilege assigned to this newly created user.

```
CREATE user 'priya'@'localhost' IDENTIFIED BY 'priya2509';
GRANT create,select on hands_on1 to 'priya'@'localhost';
```

```
create database hands_on1;
use hands_on1;
```

```
create table Trainer_Info(
Trainer_Id varchar(20) unique key,
Salutation varchar(7) ,
Trainer_Name varchar(30),
Trainer_Location varchar(30),
Trainer_Track varchar(15),
Trainer_Qualification varchar(100),
Trainer_Experience int,
Trainer_Email varchar(100),
Trainer_Password varchar(20)
);
```

```
create table Batch_Info(
Batch_Id varchar(20) unique key,
Batch_Owner varchar(30),
Batch_BU_Name varchar(30)
);
```

```
create table Module_Info(
Module_Id varchar(20) unique key,
Module_Name varchar(40),
Module_Duration int
);
```

```
create table Associate_Info(
Associate_Id varchar(20) unique key,
Salutation varchar(7),
Associate_Name varchar(30),
Associate_Location varchar(30),
Associate_Track varchar(15),
Associate_Qualification varchar(200),
Associate_Email varchar(100),
Associate_Password varchar(20)
);
```

```
create table Questions(
Question_Id varchar(20) unique key,
Module_Id varchar(20),
Question_Text varchar(900),
foreign key (Module_Id) references Module_Info (Module_Id)
);
```

```
create table Associate_Status(
Associate_Id varchar(20),
Module_Id varchar(20),
Batch_Id varchar(20),
Trainer_Id varchar(20),
Start_Date varchar(20),
End_Date varchar(20),
AFeedbackGiven varchar(20),
TFeedbackGiven varchar(20),
foreign key (Associate_Id) references Associate_Info (Associate_Id),
foreign key (Module_Id) references Module_Info (Module_Id),
```

```
foreign key (Batch_Id) references Batch_Info (Batch_Id),
foreign key (Trainer_Id) references Trainer_Info (Trainer_Id)
);
```

```
create table Trainer_Feedback(
Trainer_Id varchar(20),
Question_Id varchar(20),
Batch_Id varchar(20),
Module_Id varchar(20),
Trainer_Rating int,
foreign key (Trainer_Id) references Trainer_Info (Trainer_Id),
foreign key (Question_Id) references Questions (Question_Id),
foreign key (Batch_Id) references Batch_Info (Batch_Id),
foreign key (Module_Id) references Module_Info (Module_Id)
);
```

```
create table Associate_Feedback(
Associate_Id varchar(20),
Question_Id varchar(20),
Module_Id varchar(20),
Associate_Rating int,
foreign key (Associate_Id) references Associate_Info (Associate_Id),
foreign key (Question_Id) references Questions (Question_Id),
foreign key (Module_Id) references Module_Info (Module_Id)
);
```

```
create table Login_Details(
User_Id varchar(20),
User_Password varchar(20)
);
```

```
REVOKE create,select ON hands_on1 FROM 'priya'@'localhost';
```

```
DROP TABLE Login_Details;
```