**Exercise 1**

**(1**

create database Faculty;

use Faculty;

create table FacultyDetails (

Faculty\_Id varchar(20),

Title varchar(7),

Faculty\_Name varchar(50),

Faculty\_Location varchar(30),

Faculty\_Track varchar(15),

Faculty\_Qualification varchar(100),

Faculty\_Experience int,

Faculty\_Email varchar (100),

Faculty\_Password varchar(20)

);

create table BatchDetails(

Batch\_Id varchar(20),

Batch\_faculty varchar(20),

Batch\_DEPT\_Name varchar(30) );

create table ModuleDetails(

Module\_Id varchar(20),

Module\_Name varchar(40),

Module\_Duration int ) ;

**(2**

create database student;

use student;

create table StudentDetails(

Student\_Id varchar(20),

Title varchar(7),

Student\_Name varchar(30),

Student\_Location varchar(30),

Student\_Track varchar(15),

Student\_Qualification varchar(200),

Student\_Email varchar (200),

Student\_Password varchar(20)

);

create table Questions(

Question\_Id varchar(20),

Module\_Id varchar(20),

Question\_text varchar(900));

create table Student\_Status (

Student\_Id varchar(20),

Module\_Id varchar(20),

Start\_Date varchar(20),

End\_Date varchar(20),

AFeedbackGiven varchar(20),

TFeedbackGiven varchar(20));

create table Faculty\_Feedback(

Faculty\_Id varchar(20),

Question\_Id varchar(20),

Batch\_Id varchar(20),

Module\_Id varchar(20),

Faculty\_Rating int);

create table Login\_Details(

User\_Id varchar(20),

User\_Password varchar(20));

**Exercise 2**

use student;

alter table student\_status add Batch\_Id varchar(20);

alter table student\_status add Faculty\_Id varchar(20);

alter table student\_status modify column start\_date date ;

alter table student\_status modify column end\_date date ;

**Exercise 3**

use faculty;

Insert into facultydetails values ("F001"," Mr.", "PANKAJ GHOSH","Pune","Java","Bachelor of Technology",12,"Pankaj.Ghosh@alliance.com ","fac1@123");

Insert into facultydetails values ("F002"," Mr.", "SANJAY RADHAKRISHAN","Bangslore ","DotNet ","Bachelor of Technology ",12," Sanjay.Radhakrishan@alliance.com","fac2@123");

Insert into facultydetails values ("F003"," Mr.", "VIJAY MATHUR","Chennai ","Mainframe ","Bachelor of Technology ",10,"Vijay.Mathur@alliance.com ","fac3@123");

Insert into facultydetails values ("F004"," Mrs.", "NANDINI NAIR","Kolkata ","Java ","Master of Computer Applications ",9," Nandini.Nair@alliance.com","fac4@123");

Insert into facultydetails values ("F005"," Miss.", "ANITHA PAREKH","Hyderbad ","Testing","Master of Computer Applications ",6,"Anitha.Parekh@alliance.com ","fac5@123");

Insert into facultydetails values ("F006"," Mr.", "MANOJ AGRAWAL","Mumbai ","Mainframe ","Bachelor of Technology ",9," Manoj.Agrawal@alliance.com","fac6@123");

Insert into facultydetails values ("F007"," Ms.", "MEENA KULKARNI","Coimbatore ","Testing ","Bachelor of Technology ",5,"Meena.Kulkarni@alliance.com ","fac7@123");

Insert into facultydetails values ("F009"," Mr.", "SAGAR MENON"," Mumbai","Java ","Master of Science in Information Technology ",12," [Sagar.Menon@alliance.com","fac8@123](mailto:Sagar.Menon@alliance.com%22,%22fac8@123)");

**Exercise 4**

use faculty;

Select \* from facultydetails;

set sql\_safe\_updates=0;

update facultydetails set faculty\_password ='nn4@123' where faculty\_id='F004';

**Exercise 5**

use student;

delete from student\_status where student\_id='A003' AND module\_id='J2EE' AND start\_date='2005-12-1' AND end\_date='2005-12-25' AND Afeedbackgiven='B004' AND Tfeedbackgiven='F004';

select \* from student\_status;

**Exercise 6**

use faculty;

Select \* from facultydetails;

Select \* from facultydetails order by faculty\_experience desc limit 5 ;

**Exercise 7**

drop table login\_details;

**Insert Table Commands**

**BATCH DETAILS**

Insert into batchdetails values ("B001"," MRS. SWATI ROY", "MSP");

Insert into batchdetails values ("B002"," MRS. ARURNA K", "HEALTHCARE");

Insert into batchdetails values ("B003"," MR. RAJESH KRISHNAN", "LIFE SCIENCES");

Insert into batchdetails values ("B004"," MR. SACHIN SHETTY", "BFS");

Insert into batchdetails values ("B005"," MR. RAMESH PATEL", "COMMUNICATIONS");

Insert into batchdetails values ("B006"," MRS. SUSAN CHERIAN", "RETAIL & HOSPITALITY");

Insert into batchdetails values ("B007"," MRS. SAMPADA JAIN", "MSP");

Insert into batchdetails values ("B008"," MRS. KAVITA REGE", "BPO");

Insert into batchdetails values ("B009"," MR. RAVI SEJPAL", "MSP");

**MODULE DETAILS**

Insert into moduledetails values("O10sQL "," OracIe 10g SQL",16 );

Insert into moduledetails values("O10PLSQL","Oracle 10g PL/ SQL" ,16);

Insert into moduledetails values("J2SE","Core Java SE 1.6",288);

Insert into moduledetails values("J2EE","Advance Java EE 1.6" ,80);

Insert into moduledetails values("JAQVAFX","JavaFX 2.1" ,80);

Insert into moduledetails values("DOTNT4",".NetFramework 4.0" ,50);

Insert into moduledetails values("SQL2008","MS SQL Server 2008" ,120);

Insert into moduledetails values("MSB108","MS Bl Studio 2008" ,158);

Insert into moduledetails values("SHRPNT","MS Share Point" ,80);

Insert into moduledetails values("ANDRD4","Android 4.0" ,200);

Insert into moduledetails values("EM001","Instructor" ,0);

Insert into moduledetails values("EM002","Course Material" ,0);

Insert into moduledetails values("EM003","Learning Effectiveness" ,16);

Insert into moduledetails values("EM004","Environment" ,0);

Insert into moduledetails values("EM005","Job Impact" ,0);

Insert into moduledetails values("TM001","Attendees" ,0);

Insert into moduledetails values("TM002","Course Material" ,0);

Insert into moduledetails values("TM003","Environment" ,0);

**STUDENT DETAILS**

use student;

insert into studentdetails values('A001','MISS','GAYATHRI NAYARAN','Gurugaon','Java','BTech','Gayathri.Narayan@hp.com','tne1@123');

insert into studentdetails values('A002','Mrs','RADHIKA MOHAN','Kerela','Java','BTech','Radhika.Mohan@cognizant.com','tne2@123');

insert into studentdetails values('A003','Mr','KISHORE SRINIVAS','Chennai','Java','BTech','Kishore,Srinivas@ibm.com','tne3@123');

insert into studentdetails values('A004','Mr','ANAND NANGATHAN','Mumbai','DotNet','MCA','Anand.Nangnathan@hp.com','tne4@123');

insert into studentdetails values('A005','Miss','LEELA MENON','Kerla','Mainframe','BTech','Leela.Menon@microsoft.com','tne5@123');

insert into studentdetails values('A006','Mrs','ARTI KRISHAN Krishan','Pune','Testing','MCA','Arti.Krishan@cognizant.com','tne6@123');

insert into studentdetails values('A007','Mr','PRABHAKAR SHUMGHUM','Mumbai','Java','BTech','Prabhakar.Shumnghum@honda.com','tne7@123');

**QUESTIONS TABLE**

insert into questions values('Q001','EM001','Instructor knowledgable to handle all your queries');

insert into questions values('Q002','EM001','All the topics in a perticular course handled by the trainer without gap');

insert into questions values('Q003','EM002','The course material persons, handsons etc referred during the training');

insert into questions values('Q004','EM002','The reference material suggested for each module understanding of the topics');

insert into questions values('Q005','EM002','The reference material suggested for each module');

insert into questions values('Q006','EM003','Knowledge and skills presented in this training are applicable at your work ');

insert into questions values('Q007','EM003','This training increases my proficiency level');

insert into questions values('Q008','EM004','The physical environment eg. classroom space,air-conditioning was conductive to learning');

insert into questions values('Q009','EM004','The software/hardware environment provided was sufficient for the purpose of the training.');

insert into questions values('Q010','EM005','This training will improve your job performance.');

insert into questions values('Q011','EM005','The training align with the business priorities and goals.');

insert into questions values('Q012','TM001','Participants were receptive and had attitude towards leaning.');

insert into questions values('Q013','TM002','All participants gained the knowledge and the practical skills after this training.');

insert into questions values('Q014','TM002','The course materials presentation,handson etc available for the session covers the entire objectives of the course.');

insert into questions values('Q015','TM002','Complexity of the course is adequate for the participate level.');

insert into questions values('Q016','TM002','Case study and practical demos helpful in understanding of the topic.');

insert into questions values('Q017','TM003','TThe physical environment eg. classroom space,air-conditioning was conductive to learning');

insert into questions values('Q018','TM003','The software/hardware environment provided was sufficient for the purpose of the training.');

**STUDENT STATUS**

insert into Student\_Status values('A001','O10SQL','2000-12-15','2000-12-25','B001','F001');

insert into Student\_Status values('A002','O10SQL','2000-12-15','2000-12-25','B001','F001');

insert into Student\_Status values('A003','O10SQL','2000-12-15','2000-12-25','B001','F001');

insert into Student\_Status values('A001','O10PLSQL','2001-2-1','2001-2-12','B002','F002');

insert into Student\_Status values('A002','O10PLSQL','2001-2-1','2001-2-12','B002','F002');

insert into Student\_Status values('A003','O10PLSQL','2001-2-1','2001-2-12','B002','F002');

insert into Student\_Status values('A001','J2SE','2002-08-20','2002-10-25','B003','F003');

insert into Student\_Status values('A002','J2SE','2002-08-20','2002-10-25','B003','F003');

insert into Student\_Status values('A001','J2EE','2005-12-1','2005-12-25','B004','F004');

insert into Student\_Status values('A002','J2EE','2005-12-1','2005-12-25','B004','F004');

insert into Student\_Status values('A003','J2EE','2005-12-1','2005-12-25','B004','F004');

insert into Student\_Status values('A004','J2EE','2005-12-1','2005-12-25','B004','F004');

insert into Student\_Status values('A005','JAVAFX','2005-12-4','2005-12-20','B005','F006');

insert into Student\_Status values('A006','JAVAFX','2005-12-4','2005-12-20','B005','F006');

insert into Student\_Status values('A006','SQL2008','2007-06-21','2007-06-28','B006','F007');

insert into Student\_Status values('A007','SQL2008','2007-06-21','2007-06-28','B006','F007');

insert into Student\_Status values('A002','MSBI08','2009-06-26','2000-06-29','B007','F006');

insert into Student\_Status values('A003','MSBI08','2009-06-26','2000-06-29','B007','F006');

insert into Student\_Status values('A004','MSBI08','2009-06-26','2000-06-29','B007','F006');

insert into Student\_Status values('A002','ANDRD4','2010-06-15','2010-6-28','B008','F005');

insert into Student\_Status values('A005','ANDRD4','2010-06-15','2010-6-28','B008','F005');

insert into Student\_Status values('A003','ANDRD4','2011-8-1','2011-8-20','B009','F005');

insert into Student\_Status values('A006','ANDRD4','2011-8-1','2011-8-20','B009','F005');