Session Exercises around the case study:

DDL:

Create Case tables with proper primary keys and foreign keys assigned.

DML:

Insert data in the case tables

Retrieval:

Write queries for the following:

1. List all employees, sorted by designation and salary.
2. Display the code and description of all courses with duration of 4 days.
3. Display all 101 courses.
4. Find out employee Ids for employees who attended technical courses.
5. Display details of offerings with location as ‘Not decided’ where location is null.
6. Find out all the employees who haven’t been assigned a manager.

Joins:

1. Find out which employees belong to which project.
2. Display the course details of courses offered between any 2 dates.
3. Display a list of employees and their managers details.
4. Find out all the courses that have been offered and when. Also display those that haven’t been offered yet.
5. Find the course offerings that do not have any registrations and display attendees for all the offerings.
6. Find the course offerings that do not have any registrations and display attendees along with attendee names for all the offerings.

Aggregate Functions:

1. List the total duration for each category of courses.
2. Find out the number of attendees for each course offering.
3. Display number of employees per project.
4. Display number of registrations per course.
5. Find out the average evaluation ratings for each trainer, over all courses delivered.