Exercise.1.1

**Problem # 1:**

Write a query which fetches and displays all the trainers who don’t have an email.

**Problem # 2:**

Write a query which displays the id, name, track and location of all trainers who has Experience > 4 years.

**Problem # 3:** Select all the modules whose duration > 200.

**Problem # 4:**

Display the trainer Id, trainer name whose trainer qualification is not ‘Bachelor of Technology’.

**Problem # 5:**

Select all the modules whose duration is in the range 200 and 300.

**Problem # 6:**

Display the trainer Id, trainer name whose first name starts with ‘M’

**Problem # 7:**

Display the trainer Id, trainer name whose first name has a character ‘O’

**Problem # 8:**

Display the names of all the modules where the module name is not null.

Deliverables Expected:

**Solution Queries**

Exercise.1.2

Problem Statement:

**Problem 1:** Develop a query which will display the module name and module Infra fees of the entire module. The infra fee should be rounded to 2 decimal point.

**Problem 2:** Develop a query which will list all the module id and module names in Module\_Info table where in the first letter should be capital letter.

**Problem 3:** Develop a query which will display the module id and the number of days between the current date and module start date in associate\_status table

**Problem 4:** Develop a query which will concatenate the Module Name and Module id in the following format and display all the modules in the module\_info table.

“< Module Name><Module id>”

**Problem 5:** Develop a query which will display all the Module Name in upper case.

**Problem 6:** Develop a query which will display all the characters between 1 and 3 of the Module name column for all the modules in the Module\_Info table.

**Problem 7**: Develop a query calculate average of all the module base fees, any records whose base fee is null needs to be considered as zero.

**Problem 8:**

Write a query which will convert Trainer\_Info’s Trainer\_Id to Number and add 100000 and display it for all the trainers in the Trainer\_Info table.

**Problem 9:**

Write a query which will convert Base\_Fees into Varchar from the Module\_info table.

And display in the following format

**‘The Base** Fees Amount for the module name’ <Module Name>’ is ’<Base Fees>

**Problem 10:** Write a query which will display the total number of records in Module\_Info table.

**Problem 11**: Develop a query which will give the sum of all base fees of all modules in the Module\_Fees table.

**Problem 12:**  Display the minimum and maximum base fees of the modules.

Deliverables Expected:

**Solution Queries**

Exercise.1.3

Problem Statement:

**Problem 1:**  Develop a SQL query which would retrieve the number of associates enrolled for modules on a specific date grouped by start date and display start date and total number of associates.

**Problem 2:** Develop a SQL query which would retrieve the number of associates enrolled for modules where trainer id is ‘F001’ grouped by start date and display start date and total number of associates.

**Problem 3:** Develop a SQL query which would retrieve the number of associates enrolled for modules where trainer id is ‘F001’ grouped by module start date and display module start date and total number of associates where the total number of associates > 2.

**Problem 4:** Develop a SQL query which displays all the modules in increasing order of module duration.

**Problem 5:** Develop a SQL query which would retrieve and display the associates name, their module enrolled (module name and module id), base fees. Display the records ordering the base fees in descending order.

Deliverables Expected:

**Solution Queries**