

I.

Practical 08 – Foreign Keys

Objectives of this practical

- You will learn how to insert foreign keys into a relation

Section A: Add foreign keys to existing tables in Royalpoly

Use the **Alter Table** statement to add one foreign key (non self-referencing foreign key) to each of the following three tables:

- Course_relation
- Department_relation
- Staff_relation

Section B: Create and populate additional tables in Royalpoly

The Insert statements for the following six relations are posted in BB.

1. Staff_Dependent_Relation
Create and populate the Staff_Dependent_Relation, specifying all primary and foreign keys.
2. Module_Relation
Create and populate the Module_Relation, specifying all primary and foreign keys.
3. Pre_Requisite_Relation
Create and populate the Pre_Requisite_Relation, specifying all primary and foreign keys.
4. Country_Relation
Create and populate the Country_Relation, specifying all primary and foreign keys.
5. Student_Relation
Create and populate the Student_Relation, specifying all primary and foreign keys.
6. Stud_Mod_Performance_Relation
Create and populate the Stud_Mod_Performance_Relation, specifying all primary and foreign keys.

Section C: Create a database diagram for Royalpoly

Draw a database Diagram for Royalpoly to show the interrelationships between relations. Your module tutor will guide you on the steps to generate the database diagram in SQL Server Management Studio.