DFo\_5\_1\_Practice

**Exercise 1: Creating a Glossary from the Logical Model**

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**Exercise 2: Forward engineering the design to apply the Glossary and Naming Standard**

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I have some questions

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In this table all entity names are plural but In the relation Model just some of the names are changed into plural

A diagram of a computer program

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DFo\_5\_2\_Practice

**Exercise 1:**

**Observe the mapping of the unique identifiers and relationship in the Relational Model**

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**Exercise 2: Define table name abbreviations in csv file**

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**Exercise 3: Define Name Template**

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6-1 : Introduction to Oracle Application Express Practices

**Exercise 1: Introduction to Oracle Application Express**

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6-2 : Structured Query Language Practices

**Exercise 1: Using Help in Oracle Application Express**

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6-3 : Defining Data Definition Language (DDL) Practices

**Exercise 1: Creating Tables Using Oracle Application Express**

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**Exercise 2: Altering the Tables**

**Tasks**

1. Alter the tables in the Academic Database to define the primary key, foreign key and unique constraints

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2. Alter the table AD\_FACULTY\_LOGIN\_DETAILS and specify a default value for the column LOGIN\_DATE\_TIME of SYSDATE.

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3. Set the AD\_PARENT\_INFORMATION table to a read-only status.

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**Exercise 3: Creating Composite Primary, Foreign and Unique Keys**

**Task1**

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Task2

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Task3

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**6-4 : Defining Data Manipulation Practices**

**Exercise 1: Inserting Rows in Tables**

**Tasks**

1. Insert rows into the tables created for the Academic Database based on the following tables:

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Exercise2

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6-5: Defining Transaction Control Practices

**Exercise 1: Controlling Transactions**

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the new EMAIL\_ADDR field will still be there after the ROLLBACK.

This is because a ROLLBACK TO ALTER\_DONE only undoes changes made after the savepoint ALTER\_DONE was created. The ALTER TABLE operation (which added the EMAIL\_ADDR column) occurred **before** the savepoint was created, so it is not affected by the rollback.

Exercise 2

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6-6 : Retrieving Data Practices

**Exercise 1: Retrieving Columns from tables**

**Tasks**

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6-7 : Restricting Data Using WHERE Statement Practices

**Exercise 1: Restricting Data Using SELECT**

**1.**

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6-8 : Sorting Data Using ORDER BY Practices

**Exercise 1: Sorting Data Using ORDER BY**

**A**

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B

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C

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D

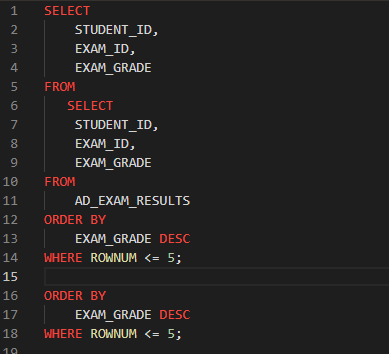
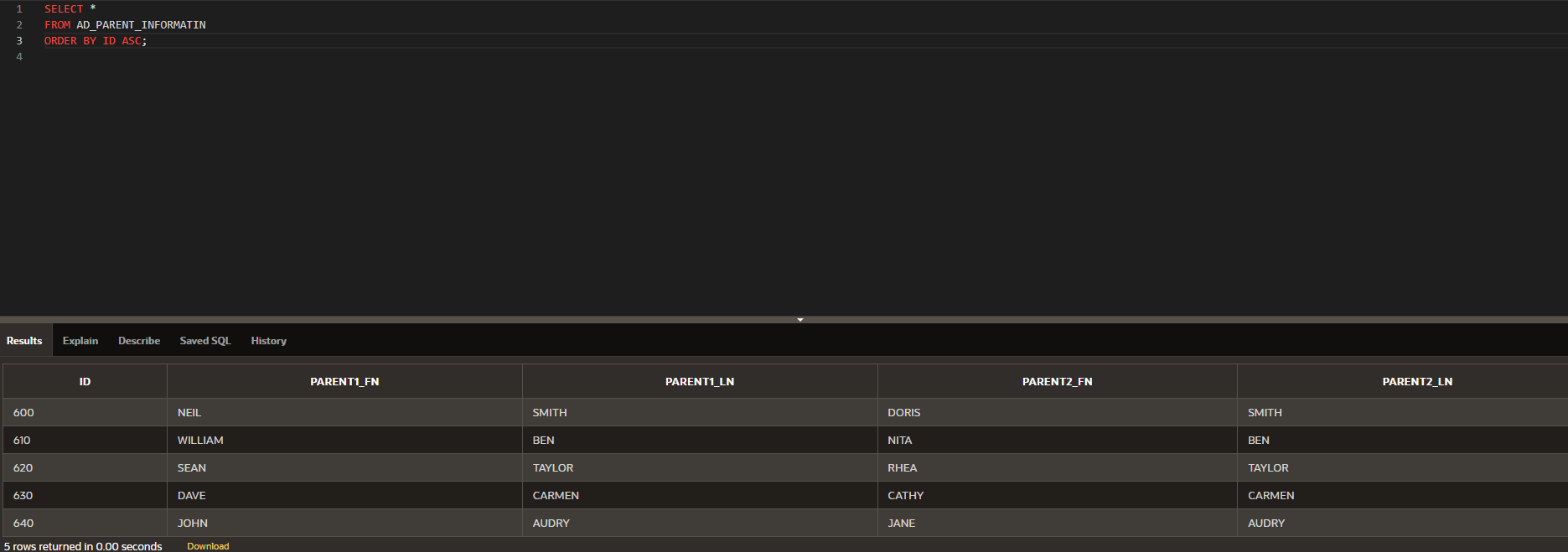
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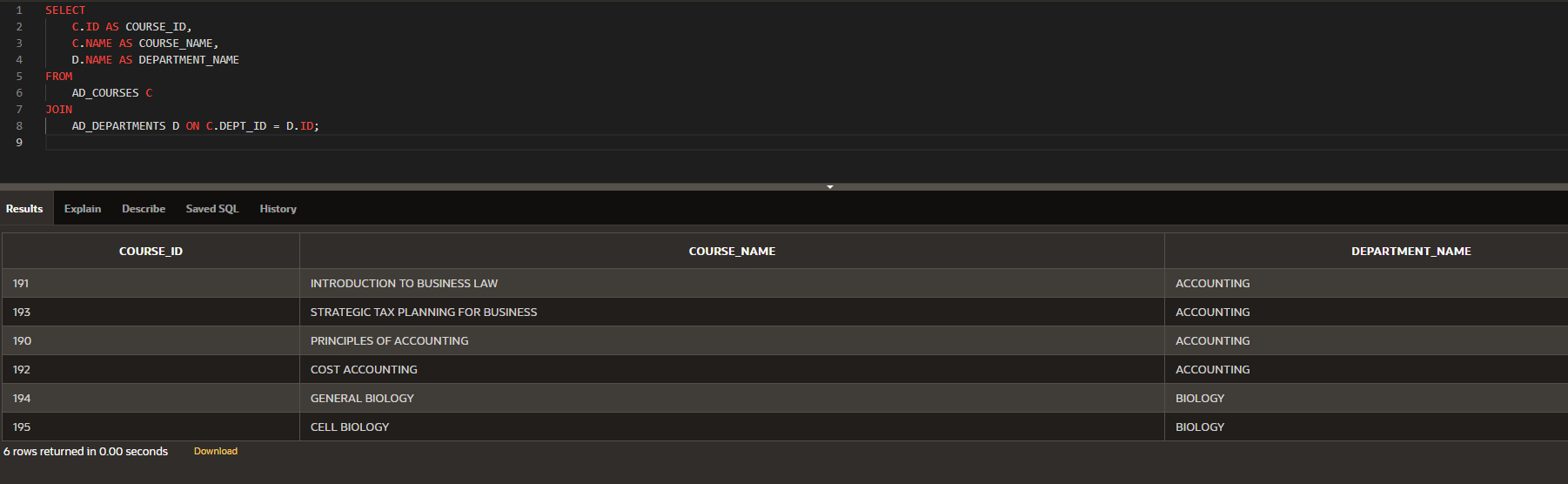
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3

1. 
2. 

Database Foundations 6-9 : Joining Tables Using JOIN Practices



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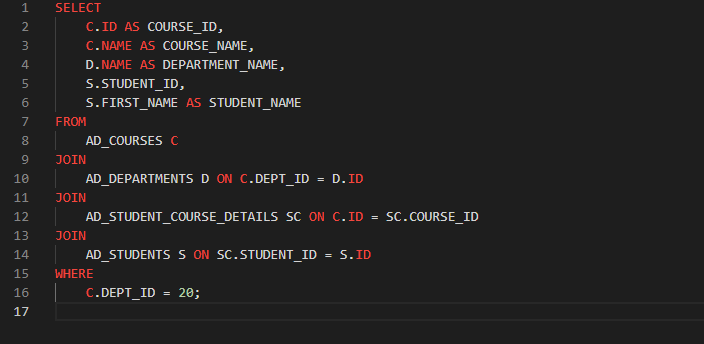
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5.

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