

## Practice Exercises

### P0701 – Bluewater Consulting

Starting with the P0701.sql and P0701.docx files in the student file folder, perform the following:

- Create and execute the SQL DDL statements from the relational model in P06-04 that generates the Bluewater Consulting database. Do not include database constraints.
- Execute the `INSERT` statements for the `BC_EMPLOYEES` and `BC_BILLINGS` tables
- Using individual `INSERT` statements (not batch insert), insert the following rows into the `BC_PROJECTS` table by specifying the column names and the column values. Project leaders have not been assigned

Project ID	Project Name
15	Lakeview
18	Web App
22	Blue Light
25	Power Lite

- Using individual `INSERT` statements (not batch insert), insert the following rows into the `BC_JOBS` table by specifying only column values

Job id	Job Title	Charge Per Hour
501	Lead Programmer	85.50
502	Database Designer	105.00
503	Programmer	37.75
504	Systems Analyst	96.75
505	General Support	18.36
506	DDS Analyst	45.95
507	Clerical Support	26.87

- Using SQL statements, add the following project leaders to projects:

ProjectID	Project Leader ID
15	105
18	104
25	101

- Use an SQL statement to remove employee Darlene Smithson from the database

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## Create Tables and Modify Data • 139

- Use an SQL statement to change the hours billed for employee 105 (Alice Johnson) who is working on project 15 from 35.7 hours to 49.5
- Submit the P0701.sql file

### P0702 – Royal Products

- Follow the instructions in file P0702 in the student file folder
- Submit P0702.sql

### P0703 – Royal Products

- Follow the instructions in file P0703 in the student file folder
- Submit P0703.sql