**Exercise 1: Create a "Students" Table**

**Create a table named "Students" with the following columns:**

student\_id (Primary Key)

first\_name

last\_name

birth\_date (Must be before or on the current date)

admission\_date (Must be after birth\_date)

major (Can only be 'Computer Science' or 'Engineering')

**Exercise 2: Create a "Books" Table**

**Create a table named "Books" with the following columns:**

book\_id (Primary Key)

title

author

publication\_year (Must be between 1900 and the current year)

category (Must be one of 'Fiction', 'Non-Fiction', or 'Sci-Fi')

**Exercise 3: Create a "Employees" Table**

**Create a table named "Employees" with the following columns:**

employee\_id (Primary Key)

first\_name

last\_name

birth\_date (Must be before or on the current date)

hire\_date (Must be after birth\_date)

department\_id (Foreign Key referencing department\_id from Departments table)

**Exercise 4: Create a "Orders" Table**

**Create a table named "Orders" with the following columns:**

order\_id (Primary Key)

customer\_id (Foreign Key referencing customer\_id from Customers table)

order\_date (Must be before or on the current date)

total\_amount (Must be greater than 0)

**Exercise 5: Create a "Products" Table**

**Create a table named "Products" with the following columns:**

product\_id (Primary Key)

product\_name

unit\_price (Must be greater than 0)

units\_in\_stock (Must be greater than or equal to 0)

supplier\_id (Foreign Key referencing supplier\_id from Suppliers table)

**Exercise 6: Create a "Customers" Table**

**Create a table named "Customers" with the following columns:**

customer\_id (Primary Key)

first\_name

last\_name

email (Must be unique)

phone\_number

birth\_date (Must be before or on the current date)

registration\_date (Must be before or on the current date)

city\_id (Foreign Key referencing city\_id from Cities table)

**Exercise 7: Create an "Inventory" Table**

**Create a table named "Inventory" with the following columns:**

item\_id (Primary Key)

item\_name

quantity (Must be greater than or equal to 0)

category\_id (Foreign Key referencing category\_id from Categories table)

**Exercise 8: Create a "Employees" Table with Supervisor**

**Create a table named "Employees" with the following columns:**

employee\_id (Primary Key)

first\_name

last\_name

birth\_date (Must be before or on the current date)

hire\_date (Must be after birth\_date)

supervisor\_id (Foreign Key referencing employee\_id from Employees table)

**Exercise 9: Create a "Orders" Table with Shipment Date**

**Create a table named "Orders" with the following columns:**

order\_id (Primary Key)

customer\_id (Foreign Key referencing customer\_id from Customers table)

order\_date (Must be before or on the current date)

total\_amount (Must be greater than 0)

shipment\_date (Must be after order\_date)

**Exercise 10: Create a "Feedback" Table**

**Create a table named "Feedback" with the following columns:**

feedback\_id (Primary Key)

customer\_id (Foreign Key referencing customer\_id from Customers table)

feedback\_text

rating (Must be between 1 and 5)