CREATE TABLE Challenges

1

First Challenge

Challenge:

Create a table called `dept` in the `dbo` schema. Specify the following columns:

- `dept_id INT`
- `dept_name VARCHAR(50)`

Give the `IDENTITY` property to the `dept_id` column. Also, put a primary key constraint on the `dept_id` column. Put a `NOT NULL` constraint on the `dept_name` column.

2

Second Challenge

Challenge:

Write an insert statement to insert the following row into the `dbo.dept` table:

dept_id	dept_name
1	Business Intelligence

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Third Challenge

Challenge:

Populate the `dbo.dept` table with more rows: Insert all department names from the `hcm.departments` table.

4

Fourth Challenge

Challenge:

Create a table called `emp` in the `dbo` schema. Specify the following columns:
- emp_id INT
- first_name VARCHAR(50)
- last_name VARCHAR(50)
- hire_date DATE
- dept_id INT

Give the `IDENTITY` property to the `emp_id` column. Also, put a primary key constraint on the `emp_id` column. Put `NOT NULL` constraints on any columns you think need them. Put a foreign key constraint on the `dept_id` column which references back to the `dept_id` column from the `dbo.dept` table.

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Fifth Challenge

Challenge:

Populate the `dbo.emp` table with the following two employees:

emp_id	first_name	last_name	hire_date	dept_id
1	Scott	Davis	Dec-11-2020	1
2	Miriam	Yardley	Dec-05-2020	1

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