Exercise 1 – User Creation and Permissions

Create the user named "exercicios" (without accents), identified by password 123456, through DDL. Then, using DCL, grant the necessary permissions to the user.

Exercise 2 – Creating the table tb_regiao

Create the table tb_regiao according to the requirements:

- NOT NULL constraint on id_regiao
- Index on id_regiao
- PRIMARY KEY on id_regiao

Exercise 4 – Creating the table tb_localizacao and sequence

Requirements:

- NOT NULL constraint on cidade
- Index on id_localizacao
- PRIMARY KEY on id_localizacao
- FOREIGN KEY referencing tb_pais(id_pais)
- Sequence seq_localizacao

Exercise 5 – Creating the table tb_departamento and sequence

Requirements:

- NOT NULL constraint on nm_departamento
- Index on id_departamento
- PRIMARY KEY on id_departamento
- FOREIGN KEY referencing tb_localizacao(id_localizacao)
- Sequence seq_departamento

Exercise 6 – Creating the table tb_funcao

Requirements:

- NOT NULL constraint on ds_funcao

- Index on id_funcao
- PRIMARY KEY on id_funcao

Exercise 7 – Creating the table tb_empregado and sequence

Requirements:

- NOT NULL: sobrenome, email, data_admissao, id_funcao
- CHECK constraint on salario
- UNIQUE constraint on email
- Index and PRIMARY KEY on id_empregado
- FOREIGN KEYS:
    - id_departamento → tb_departamento
    - id_funcao → tb_funcao
    - id_gerente → tb_empregado
    - tb_departamento.id_gerente → tb_empregado
- Sequence seq_empregado

Exercise 8 – Creating the table tb_historico_funcao

Requirements:

- NOT NULL: id_empregado, data_inicio, data_termino, id_funcao
- CHECK ensuring data_termino > data_inicio
- Index on (id_empregado, data_inicio)
- PRIMARY KEY on (id_empregado, data_inicio)
- FOREIGN KEYS:
    - id_funcao → tb_funcao
    - id_empregado → tb_empregado
    - id_departamento → tb_departamento