Exercicios Banco de Dados

Atividade 1

```sql
CREATE DATABASE db_funcionarios;

USE db_funcionarios;

CREATE TABLE tb_funcionarios (
id_funcionario INT NOT NULL AUTO_INCREMENT,
nome VARCHAR(255),
cpf VARCHAR(255),
matricula VARCHAR (255),
salario FLOAT,
PRIMARY KEY(id_funcionario)
);

INSERT INTO tb_funcionarios(nome, cpf, matricula, salario)
VALUES
("Brenda", "101.000.111-01", "2020", 2800.00),
("Stefany", "202.000.222-02", "2021",1440.00),
("Bruno", "303.000.333-03", "2022",1840.00),
("Pedro", "404.000.444-04", "2023",1840.00),
("Juliana", "505.000.555-05", "2024",2280.00);

SELECT salario , COUNT(*) AS Quantidade
FROM tb_funcionarios WHERE salario > 2000
GROUP BY salario ORDER BY salario ASC;

SELECT salario , COUNT(*) AS Quantidade
FROM tb_funcionarios WHERE salario < 2000
GROUP BY salario ORDER BY salario ASC;
```

Atividade 2

```sql
CREATE DATABASE db_escola;

USE db_escola;

CREATE TABLE tb_alunos (
id_alunos INT NOT NULL AUTO_INCREMENT,
nome VARCHAR(255),
cpf VARCHAR(255),
matricula VARCHAR (255),
nota FLOAT,
PRIMARY KEY(id_alunos)
);

INSERT INTO tb_alunos(nome, cpf, matricula, nota)
VALUES
("Brenda", "101.000.111-01", "2020", 8.00),
("Stefany", "202.000.222-02", "2021",6.50),
("Bruno", "303.000.333-03", "2022",5.00),
("Pedro", "404.000.444-04", "2023",8.50),
("Juliana", "505.000.555-05", "2024",7.50);

SELECT nota , COUNT(*) AS Quantidade
FROM tb_alunos WHERE nota > 7.00
GROUP BY nota ORDER BY nota ASC;

SELECT nota , COUNT(*) AS Quantidade
FROM tb_alunos WHERE nota < 7.00
GROUP BY nota ORDER BY nota ASC;
```