

Aluno: Murilo Oliveira Bispo

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1 //aluno: Murilo Oliveira Bispo
2
3 const sqlite3 = require('sqlite3').verbose();
4 let db = new sqlite3.Database('DB_SCA.db');
5
6
7 db.serialize(function() {
8   db.run(`CREATE TABLE IF NOT EXISTS TB_ALUNO (ID INTEGER NOT NULL, NOME TEXT NOT NULL,
9     PRIMARY KEY ("ID" AUTOINCREMENT))`);
10
11   db.run(`CREATE TABLE IF NOT EXISTS TB_PROFESSOR (ID INTEGER NOT NULL, NOME TEXT NOT NULL,
12     PRIMARY KEY ("ID" AUTOINCREMENT))`);
13
14   db.run(`CREATE TABLE IF NOT EXISTS TB_DISCIPLINA (ID INTEGER NOT NULL, NOME TEXT NOT NULL,
15     PRIMARY KEY ("ID" AUTOINCREMENT))`);
16
17   db.run(`CREATE TABLE IF NOT EXISTS TB_MATRICULA (ID INTEGER NOT NULL, ALUNO_ID INTEGER NOT NULL, DISCIPLINA_ID INTEGER NOT NULL, PROFESSOR_ID INTEGER NOT NULL, FOREIGN KEY ("ALUNO_ID")
18     REFERENCES "TB_ALUNO"("ID"), FOREIGN KEY ("DISCIPLINA_ID") REFERENCES "TB_DISCIPLINA"("ID"),
19     FOREIGN KEY ("PROFESSOR_ID") REFERENCES "TB_PROFESSOR"("ID"), PRIMARY KEY ("ID"
20     AUTOINCREMENT))`);
21
22   db.run(`CREATE TABLE IF NOT EXISTS TB_PROFESSOR_DISCIPLINA (ID INTEGER NOT NULL, DISCIPLINA_ID INTEGER NOT NULL, PROFESSOR_ID INTEGER NOT NULL, FOREIGN KEY ("DISCIPLINA_ID")
23     REFERENCES "TB_DISCIPLINA"("ID"), FOREIGN KEY ("PROFESSOR_ID") REFERENCES "TB_PROFESSOR"("ID"), PRIMARY KEY ("ID" AUTOINCREMENT))`);
24
25   db.close();
26
27 }
```

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15
16   db.run(`CREATE TABLE IF NOT EXISTS TB_PROFESSOR_DISCIPLINA (ID INTEGER NOT NULL, DISCIPLINA_ID INTEGER NOT NULL, PROFESSOR_ID INTEGER NOT NULL, FOREIGN KEY ("DISCIPLINA_ID")
17     REFERENCES "TB_DISCIPLINA"("ID"), FOREIGN KEY ("PROFESSOR_ID") REFERENCES "TB_PROFESSOR"
18     ("ID"), PRIMARY KEY ("ID" AUTOINCREMENT))`);
19
20   db.run(`INSERT INTO TB_ALUNO (NOME) VALUES ("Murilo Bispo")`);
21
22   db.run(`INSERT INTO TB_PROFESSOR (NOME) VALUES ("Ricardo Taveira"), ("Alisson Linhares")`);
23
24   db.run(`INSERT INTO TB_DISCIPLINA (NOME) VALUES ("Banco de Dados"), ("Android")`);
25
26   db.run(`INSERT INTO TB_MATRICULA (ALUNO_ID, DISCIPLINA_ID, PROFESSOR_ID) VALUES (1, 1, 1),
27     (2, 2, 2)`);
28
29   db.run(`INSERT INTO TB_PROFESSOR_DISCIPLINA (DISCIPLINA_ID, PROFESSOR_ID) VALUES (1, 1), (2,
30     2)`);
31
32   db.close();
33
34 }
```