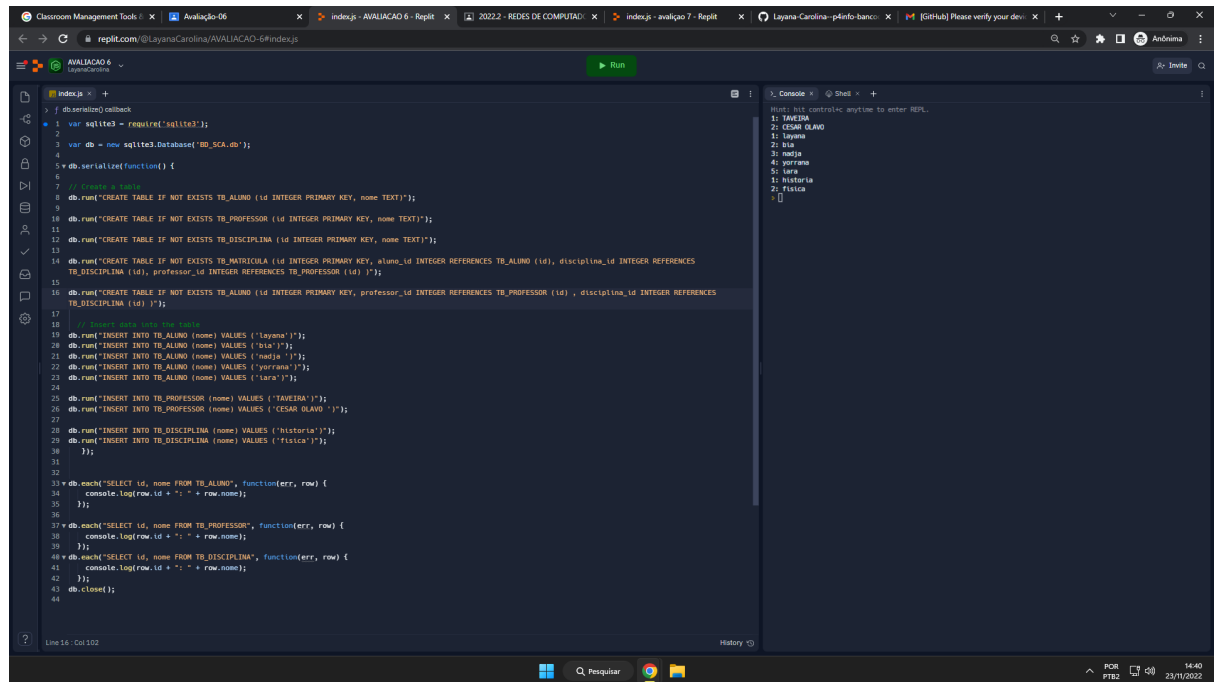


layana carolina sales pinheiro



```
index.js
1 // db.connect() on back
2
3 var sequelize = require('sequelize');
4
5 var db = new sequelize.Database('db_sca.db');
6
7 // db.connect() on back
8
9 db.run('CREATE TABLE IF NOT EXISTS TB_ALUNO (id INTEGER PRIMARY KEY, nome TEXT)');
10 db.run('CREATE TABLE IF NOT EXISTS TB_PROFESSOR (id INTEGER PRIMARY KEY, nome TEXT)');
11 db.run('CREATE TABLE IF NOT EXISTS TB_DISCIPLINA (id INTEGER PRIMARY KEY, nome TEXT)');
12 db.run('CREATE TABLE IF NOT EXISTS TB_MATRICULA (id INTEGER PRIMARY KEY, aluno_id INTEGER REFERENCES TB_ALUNO (id), disciplina_id INTEGER REFERENCES TB_DISCIPLINA (id), professor_id INTEGER REFERENCES TB_PROFESSOR (id))');
13 db.run('CREATE TABLE IF NOT EXISTS TB_ALUNO (id INTEGER PRIMARY KEY, professor_id INTEGER REFERENCES TB_PROFESSOR (id), disciplina_id INTEGER REFERENCES TB_DISCIPLINA (id))');
14
15 // Inserting data into the database
16 db.run('INSERT INTO TB_ALUNO (nome) VALUES ('layana')');
17 db.run('INSERT INTO TB_ALUNO (nome) VALUES ('bia')');
18 db.run('INSERT INTO TB_ALUNO (nome) VALUES ('nadia')');
19 db.run('INSERT INTO TB_ALUNO (nome) VALUES ('yorrana')');
20 db.run('INSERT INTO TB_ALUNO (nome) VALUES ('lara')');
21
22 db.run('INSERT INTO TB_PROFESSOR (nome) VALUES ('TAVESIA')');
23 db.run('INSERT INTO TB_PROFESSOR (nome) VALUES ('CESAR OLAVO')');
24
25 db.run('INSERT INTO TB_DISCIPLINA (nome) VALUES ('historia')');
26 db.run('INSERT INTO TB_DISCIPLINA (nome) VALUES ('fisica')');
27
28 // Selecting data from the database
29 db.each('SELECT id, nome FROM TB_ALUNO', function(err, row) {
30   console.log(row.id + ': ' + row.nome);
31 });
32
33 db.each('SELECT id, nome FROM TB_PROFESSOR', function(err, row) {
34   console.log(row.id + ': ' + row.nome);
35 });
36
37 db.each('SELECT id, nome FROM TB_DISCIPLINA', function(err, row) {
38   console.log(row.id + ': ' + row.nome);
39 });
40
41 db.close();
```

Console

```
1: TAVESIA
2: CESAR OLAVO
3: layana
4: nadia
5: yorrana
6: historia
7: fisica
```