

Avaliação 06

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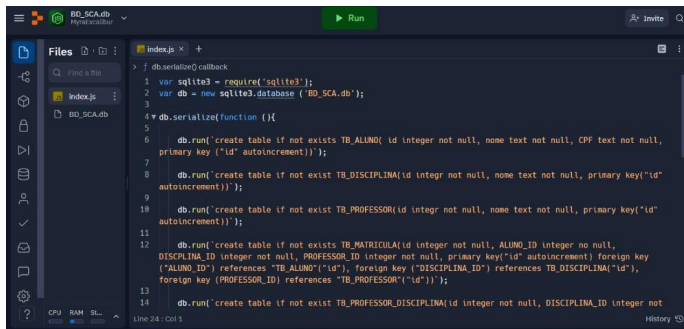
Curso/período: P4 de informática

Implementar um código Javascript que execute as

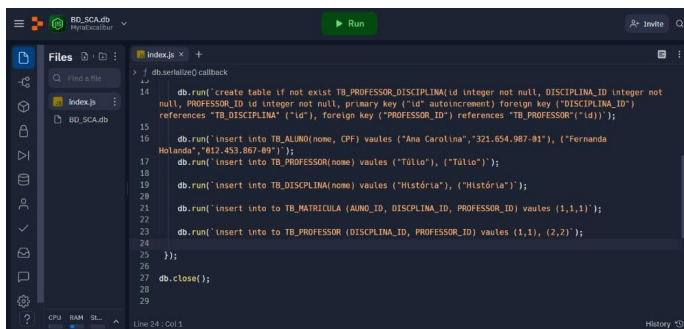
seguintes features:

- 1) Criar um Banco de Dados com o nome BD_SCA.db;
- 2) Criar as tabelas TB ALUNO, TB DISCIPLINA, TB PROFESSOR, TB MATRICULA, TB PROFESSOR DISCIPLINA
- 3) Criar comandos SQL para inserir dados nessas tabelas.

Resposta :



```
1 db.serialize(() => {
2   var sqlite3 = require('sqlite3');
3   var db = new sqlite3.Database('BD_SCA.db');
4   db.serialize(function () {
5     db.run('create table if not exists TB_ALUNO(id integer not null, nome text not null, CPF text not null,
6       primary key ("id" autoincrement))');
7     db.run('create table if not exists TB_DISCIPLINA(id integer not null, nome text not null, primary key("id"
8       autoincrement))');
9     db.run('create table if not exist TB_PROFESSOR(id integer not null, nome text not null, primary key("id"
10      autoincrement))');
11    db.run('create table if not exists TB_MATRICULA(id integer not null, ALUNO_ID integer not null,
12      DISCIPLINA_ID integer not null, PROFESSOR_ID integer not null, primary key("id" autoincrement) foreign key
13      ("ALUNO_ID") references "TB_ALUNO" ("id"), foreign key ("DISCIPLINA_ID") references TB_DISCIPLINA("id"),
14      foreign key (PROFESSOR_ID) references "TB_PROFESSOR"("id"))');
15    db.run('create table if not exist TB_PROFESSOR_DISCIPLINA(id integer not null, DISCIPLINA_ID integer not
```



```
16    db.run('insert into TB_ALUNO(nome, CPF) values ("Ana Carolina", "321.654.987-81"), ("Fernanda
17      Holanda", "812.453.887-89")');
18    db.run('insert into TB_PROFESSOR(nome) values ("Túlio"), ("Túlio")');
19    db.run('insert into TB_DISCIPLINA(nome) values ("História"), ("História")');
20    db.run('insert into TB_MATRICULA (ALUNO_ID, DISCIPLINA_ID, PROFESSOR_ID) values (1,1,1)');
21    db.run('insert into TB_PROFESSOR (DISCIPLINA_ID, PROFESSOR_ID) values (1,1), (2,2)');
22  });
23  db.close();
24}
```