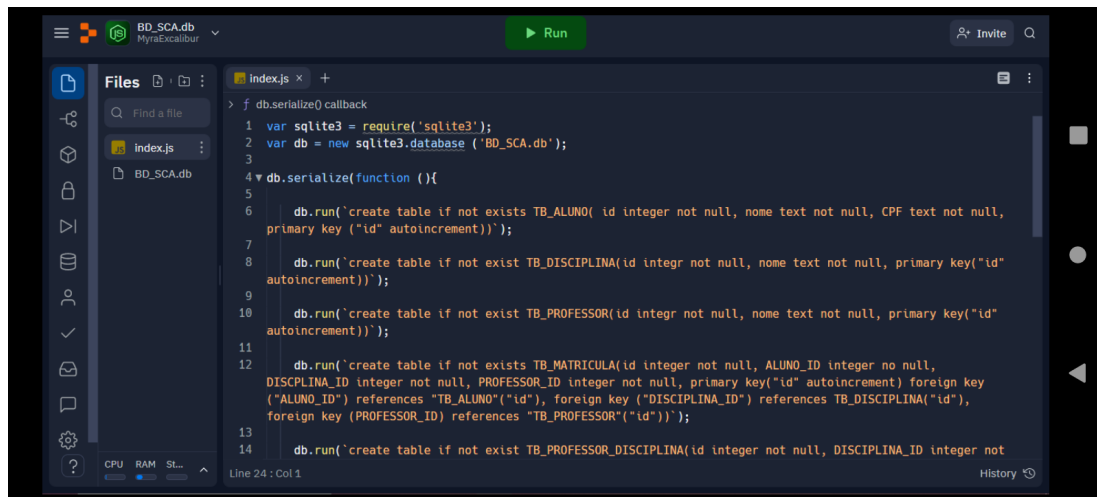


Implementar um código Javascript que execute as seguintes features:

- 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



```
1 var sqlite3 = require('sqlite3');
2 var db = new sqlite3.database ('BD_SCA.db');
3
4 db.serialize(function () {
5
6     db.run('create table if not exists TB_ALUNO( id integer not null, nome text not null, CPF text not null,
7     primary key ("id" autoincrement))');
8
9     db.run('create table if not exist TB_DISCIPLINA(id integer not null, nome text not null, primary key("id"
10    autoincrement))');
11
12    db.run('create table if not exists TB_MATRICULA(id integer not null, ALUNO_ID integer no null,
13    DISCIPLINA_ID integer not null, PROFESSOR_ID integer not null, primary key("id" autoincrement) foreign key
14    ("ALUNO_ID") references "TB_ALUNO"("id"), foreign key ("DISCIPLINA_ID") references TB_DISCIPLINA("id"),
15    foreign key (PROFESSOR_ID) references "TB_PROFESSOR"("id"))');
16
17    db.run('create table if not exist TB_PROFESSOR_DISCIPLINA(id integer not null, DISCIPLINA_ID integer not
```



```
18    null, PROFESSOR_ID id integer not null, primary key ("id" autoincrement) foreign key ("DISCIPLINA_ID")
19    references "TB_DISCIPLINA" ("id"), foreign key ("PROFESSOR_ID") references "TB_PROFESSOR"("id"))');
20
21    db.run('insert into TB_ALUNO(nome, CPF) vaules ("Ana Carolina","321.654.987-01"), ("Fernanda
22    Holanda","012.453.867-09")');
23    db.run('insert into TB_PROFESSOR(nome) vaules ("Túlio"), ("Túlio")');
24
25    db.run('insert into TB_DISCIPLINA(nome) vaules ("História"), ("História")');
26
27    db.run('insert into to TB_MATRICULA (AUNO_ID, DISCIPLINA_ID, PROFESSOR_ID) vaules (1,1,1)');
28
29    db.run('insert into to TB_PROFESSOR (DISCIPLINA_ID, PROFESSOR_ID) vaules (1,1), (2,2)');
30
31    });
32
33    db.close();
34
35    }
```