

Hands On 06 – Felipe Costa Unsonst

```
CREATE SCHEMA ESCOLA AUTHORIZATION 'felipe';
```

```
CREATE TABLE CURSO (
```

```
    Sigla VARCHAR(5) NOT NULL,
```

```
    Nome VARCHAR(100) NOT NULL,
```

```
    Horas INT NOT NULL,
```

```
    Custo FLOAT NOT NULL,
```

```
    Area VARCHAR(5) NOT NULL,
```

```
    PRIMARY KEY (Sigla),
```

```
    FOREIGN KEY (Area) REFERENCES AREA(Sigla)
```

```
);
```

```
CREATE TABLE AREA (
```

```
    Sigla VARCHAR(5) NOT NULL,
```

```
    Nome VARCHAR(100) NOT NULL,
```

```
    SuperArea VARCHAR(5),
```

```
    PRIMARY KEY (Sigla),
```

```
    FOREIGN KEY (SuperArea) REFERENCES AREA(Sigla)
```

```
);
```

```
CREATE TABLE MODULO (
```

```
    Sigla VARCHAR(5) NOT NULL,
```

```
    Nome VARCHAR(100) NOT NULL,
```

```
    Curso VARCHAR(5) NOT NULL,
```

```
    PRIMARY KEY (Sigla),
```

```
    FOREIGN KEY (Curso) REFERENCES CURSO(Sigla)
```

```
);
```

```
CREATE TABLE TOPICO (
    Modulo VARCHAR(5) NOT NULL,
    Sigla VARCHAR(5) NOT NULL,
    Nome VARCHAR(100) NOT NULL,
    Horas INT NOT NULL,
    PRIMARY KEY (Modulo, Sigla),
    FOREIGN KEY (Modulo) REFERENCES MODULO(Sigla)
);
```

```
CREATE TABLE MATRICULA (
    Curso VARCHAR(5) NOT NULL,
    Aluno CHAR(11) NOT NULL,
    Data DATE NOT NULL,
    Pago BOOLEAN NOT NULL,
    PRIMARY KEY (Curso, Aluno),
    FOREIGN KEY (Curso) REFERENCES CURSO(Sigla),
    FOREIGN KEY (Aluno) REFERENCES ALUNO(CPF)
);
```

```
CREATE TABLE ALUNO (
    CPF CHAR(11) NOT NULL,
    Nome VARCHAR(100) NOT NULL,
    Sobrenome VARCHAR(100),
    Sexo CHAR(1) NOT NULL,
    DataNasc DATE NOT NULL,
    PRIMARY KEY (CPF)
);
```

```
CREATE TABLE PROFESSOR (
```

```
Curso VARCHAR(5) NOT NULL,  
CPF CHAR(11) NOT NULL,  
Nome VARCHAR(100) NOT NULL,  
PRIMARY KEY (Curso, CPF),  
FOREIGN KEY (Curso) REFERENCES CURSO(Sigla)  
);
```