```sql
CREATE TABLE brazil_state (
ID SERIAL PRIMARY KEY,
NAME VARCHAR(255) NOT NULL,
UF VARCHAR(2) NOT NULL,
REGION VARCHAR(255) NOT NULL
);

CREATE TABLE professional_category (
ID SERIAL PRIMARY KEY,
CATEGORY TEXT NOT NULL
);

CREATE TABLE rate (
    ID SERIAL PRIMARY KEY,
    DESCRIPTION VARCHAR(255) NOT
NULL
);

CREATE TABLE CLIENT(
ID SERIAL PRIMARY KEY,
NAME VARCHAR(255),
BIRTH DATE,
GENDER CHAR(1),
STATE_ID INT
```

```sql
);

CREATE TABLE PROFESSIONAL(
ID SERIAL PRIMARY KEY,
NAME VARCHAR(255),
BIRTH DATE,
GENDER CHAR(1),
STATE_ID INT,
);

CREATE TABLE SERVICE(
ID SERIAL PRIMARY KEY,
DESCRIPTION VARCHAR(255),
PRICE FLOAT
);

CREATE TABLE AGENDAMENTO (
ID SERIAL PRIMARY KEY,
CLIENT_ID INTEGER REFERENCES
CLIENT(ID) NOT NULL,
PROFESSIONAL_ID INTEGER
REFERENCES PROFESSIONAL(ID)  NOT
NULL,
SERVICE_ID INTEGER REFERENCES
SERVICE(ID) NOT NULL,
```

```sql
DATA DATE NOT NULL,
OBSERVACAO VARCHAR(255)
);

CREATE TABLE appoint_client_rate (
ID SERIAL PRIMARY KEY,
OBSERVATION TEXT,
DONE BOOL NOT NULL,
APPOINTMENT_ID INT,
RATE_ID INT,
CONSTRAINT
fk_appoint_client_rate_appoint
    FOREIGN KEY (appointment_id)
        REFERENCES agendamento(id),
CONSTRAINT fk_appoint_client_rate_rate
    FOREIGN KEY (rate_id)
        REFERENCES rate(id),
);

CREATE TABLE appoint_pro_rate (
ID SERIAL PRIMARY KEY,
OBSERVATION TEXT,
DONE BOOL NOT NULL,
APPOINTMENT_ID INT,
RATE_ID INT,
```

```sql
    CONSTRAINT
fk_appoint_client_rate_appoint
    FOREIGN KEY (appointment_id)
        REFERENCES agendamento(id),
    CONSTRAINT fk_appoint_client_rate_rate
    FOREIGN KEY (rate_id)
        REFERENCES rate(id),
);


-- Fazendo SELECT com JOIN --

SELECT professional.name AS
professional, client.name AS client,
service.description as service,
agendamento.data
FROM agendamento
    join client on (agendamento.client_id =
client.id)
    join professional on
(agendamento.professional_id =
professional.id)
    join service on (agendamento.service_id
= service.id)
WHERE
```

```sql
    professional.id = 1
ORDER BY
    agendamento.data ASC

-- Zerando o contador do ID --

ALTER SEQUENCE <nome da sequencia>
RESTART;
UPDATE <table> SET
<nome_da_coluna_id> = nextval('<nome da
sequencia>');

-- Juntando várias tabelas --

SELECT client.name AS cliente,
service.description AS serviço,
professional.name AS profissional,
rate.description AS avaliação, done AS
concluído,
data AS data_do_serviço FROM
appoint_client_rate
    INNER JOIN agendamento ON
agendamento.id =
appoint_client_rate.appointment_id
    INNER JOIN client ON client.id =
```

```sql
agendamento.client_id
    INNER JOIN service ON service.id =
agendamento.service_id
    INNER JOIN professional ON
professional.id =
agendamento.professional_id
    INNER JOIN rate ON rate.id =
appoint_client_rate.rate_id

-- Consulta cliente --

SELECT client.*, brazil_state.uf AS estado
FROM client
    JOIN brazil_state ON brazil_state.id =
client.state_id
```