

[M2S04]

**/\* Ex 1 - Banco de dados com Docker:\*/**

```
docker run
  --name places
  -e POSTGRESQL_USERNAME=docker
  -e POSTGRESQL_PASSWORD=docker
  -e POSTGRESQL_DATABASE=api_places_database
  -p 5432:5432
  bitnami/postgresql
```

**/\* Ex 2 - Tabela Places \*/**

```
CREATE TABLE "places" (
  "id" serial PRIMARY KEY,
  "name" varchar(150) NOT NULL,
  "contact" varchar(20),
  "opening_hours" varchar(100),
  "description" text,
  "latitude" float UNIQUE NOT NULL,
  "longitude" float UNIQUE NOT NULL,
  "created_at" timestamp with time zone DEFAULT now()
);
```

**/\* Ex 3 - Tabela Reviews \*/**

```
create type status_review as enum ('PENDENTE', 'APROVADO',
  'REJEITADO');

create table "reviews" (
  "id" serial primary key,
  "place_id" integer,
  "name" text not null,
  "email" varchar(150),
  "stars" decimal (2,
  1),
  "date" timestamp,
  "status" status_review default 'PENDENTE',
  "created_at" timestamp with time zone default now(),
  foreign key ("place_id") references "places" ("id")
);
```

```
/* Ex 4 - INSERT e SELECT - Places */
```

```
insert into places (  
  "name",  
  "contact",  
  "opening_hours",  
  "description",  
  "latitude",  
  "longitude")  
values ("Praça Itú",  
  "91220190",  
  "Aberto das 8h às 18h",  
  ".....",  
  -1.151166561,  
  1.984981561,  
  );  
  
select * from places  
select * from places where id=1;
```

```
/* Ex 5 - Update e Delete - Places */
```

```
delete from places where id = 3  
update places  
  set description = "Lugar arborizado",  
      opening_hours = "Funcionamento das 9h "  
  where id=1;
```

```
/* Ex 6 - INSERT, SELECT- REVIEWS */
```

```
INSERT INTO reviews (  
  place_id,  
  name,  
  email,  
  stars,  
  date)  
VALUES (  
  1,  
  'Fulano',  
  'gmail@email.com',  
  5,  
  '2023-10-23 12:00:00'  
  );  
  
SELECT r.id, r.place_id, r.name, r.email, r.stars, r.date, p.name AS  
  place_name  
FROM reviews AS r  
JOIN places AS p ON r.place_id = p.id  
WHERE r.place_id = 1;
```

