CONSTRUCT OUR DATABASE

Creating Users Table

```
>>CREATE TABLE users(
id SERIAL PRIMARY KEY,
username VARCHAR(25) NOT NULL,
password TEXT NOT NULL
);
```

Creating User's Info Table

```
>>CREATE TABLE users_info
(
  users_id SERIAL REFERENCES users(id),
  name VARCHAR(100),
  surname VARCHAR(100),
  city VARCHAR(100),
  district VARCHAR(100),
  phone VARCHAR(28),
  mail VARCHAR(150),
  user_score int,
  username VARCHAR(25) NOT NULL
);
```

Creating Types

```
>> CREATE TYPE drivetrain_enum AS ENUM('4x4', 'front wheel', 'rear wheel');
>> CREATE TYPE type_enum AS ENUM('automobile', 'motorcycle', 'truck');
```

Creating Model Table

```
>>create table model(model_name varchar(26), brand_name varchar(25),
brand_model varchar(51) primary key not null);
```

Creating Vehicle Table

```
>>create table vehicle(brand_model_no serial primary key not null, model_brand
varchar(51), transmission varchar(32), engine_size float, package varchar(43),
drive_train drivetrain_enum not null, num_cylinder int not null, power int not null,
dealer_price int, type type_enum, CONSTRAINT fk_constformodel_brand
FOREIGN KEY (model_brand) REFERENCES model (brand_model));
```

Creating Advertisement Table

```
>> create table advertisement (ad_no SERIAL PRIMARY KEY, seller_id int not
null, date date, seller_price int, brand_model_no int,km int not null, color
VARCHAR(50), damage int,second_hand VARCHAR(5), warranty
VARCHAR(5), exchange VARCHAR(5), CONSTRAINT fk_constforuserid
FOREIGN KEY (seller_id) REFERENCES users_info(id), CONSTRAINT
fk_constforbrandmodelno FOREIGN KEY (brand_model_no) REFERENCES
brand_model(brand_model_no) );
```