RELATIONAL DATABASE MANAGEMENT SYSTEM- CAR DATABASE

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OBJECTIVE:

The objective of this project is to derive the respected car brand with its required specifications from the database by making use of softwares like MySQL and D beaver.

APPLICATIONS USED:

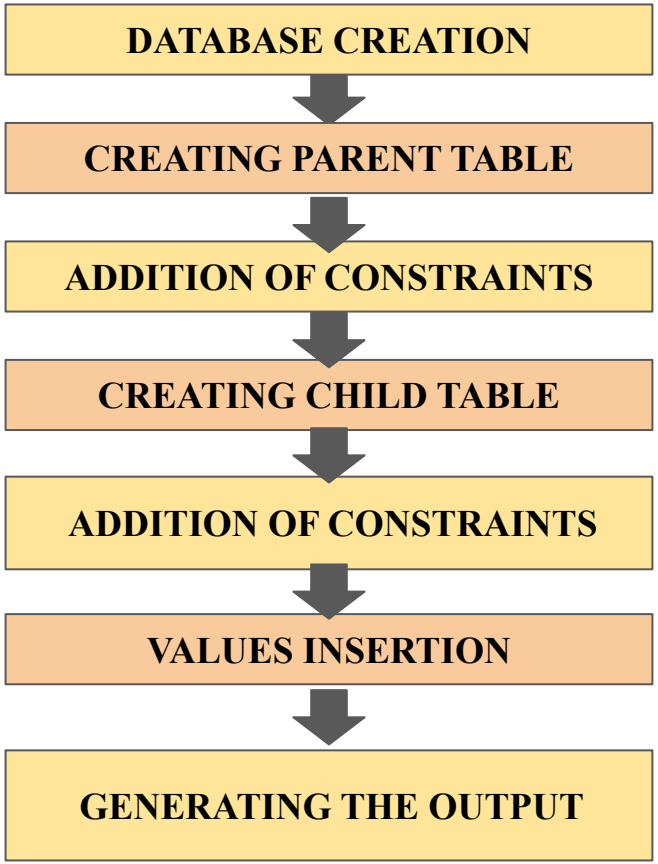
MySQL:

- MySQL is a relational database management system
- We have uses this application to execute our primary query.

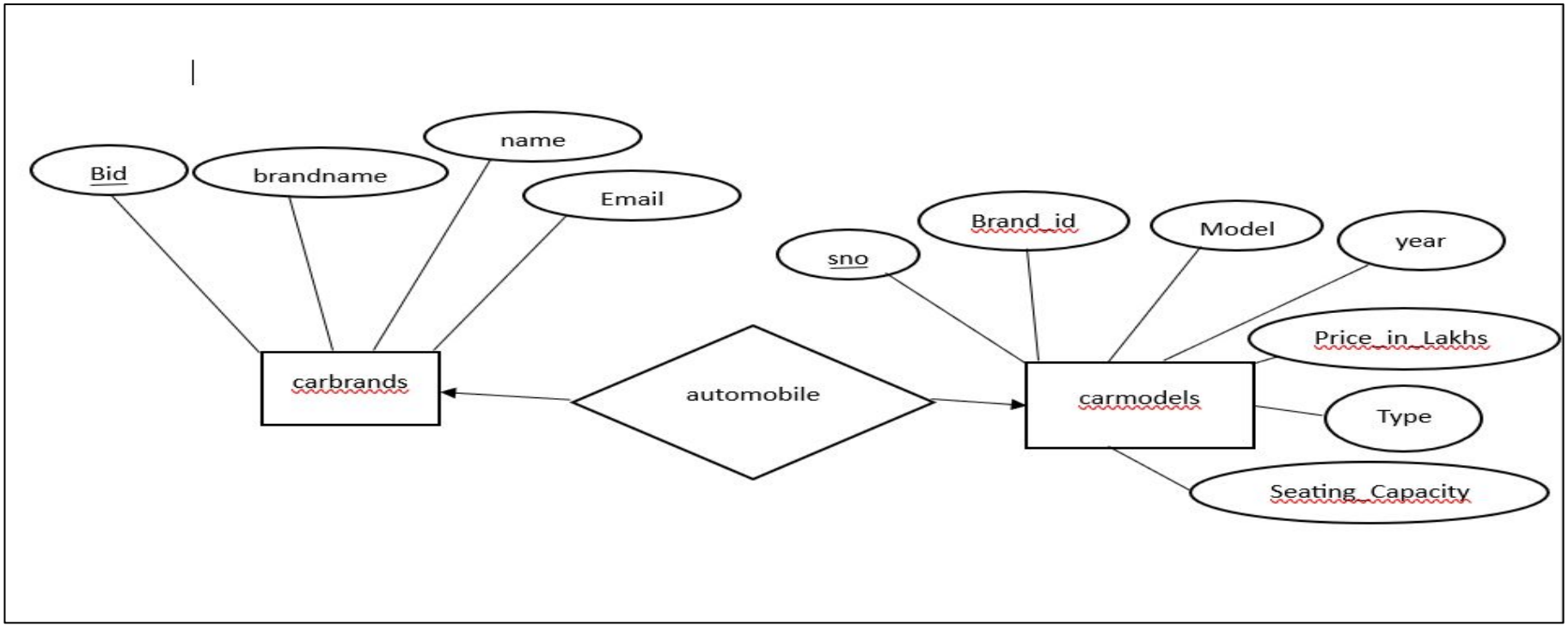
DBeaver:

- DBeaver is a SQL client software application and a database administration tool.
- One of the standout features of DBeaver is its extensive support for multiple database systems

FLOW CHART


DATABASE CREATION
CREATING PARENT TABLE
ADDITION OF CONSTRAINTS
CREATING CHILD TABLE
ADDITION OF CONSTRAINTS
VALUES INSERTION
GENERATING THE OUTPUT

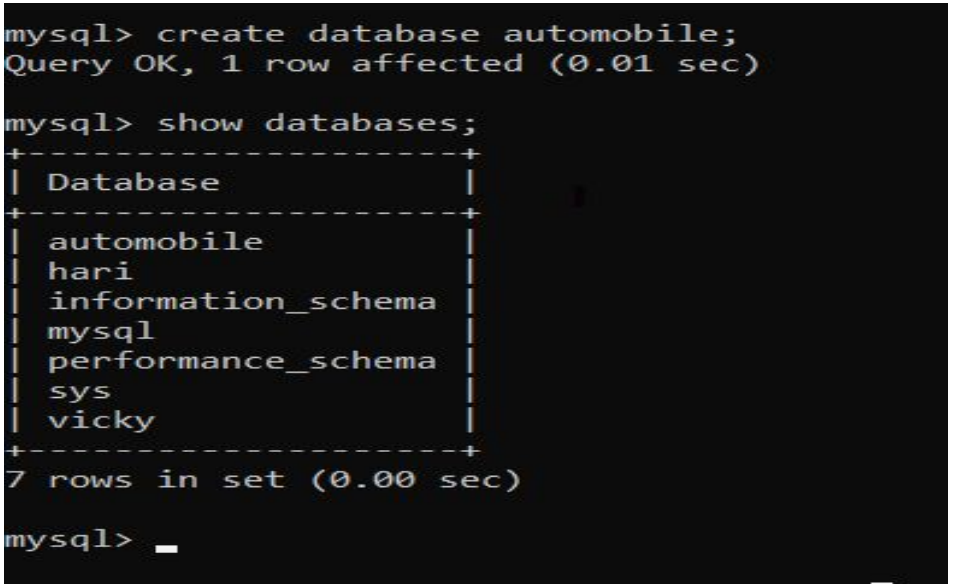
ER DIAGRAM:


Bid
brandname
name
Email
carbrands
automobile
sno
Brand_id
Model
year
Price_in_Lakhs
carmodels
Type
Seating_Capacity

CREATING A DATABASE:

Syntax: *create database database_name;*

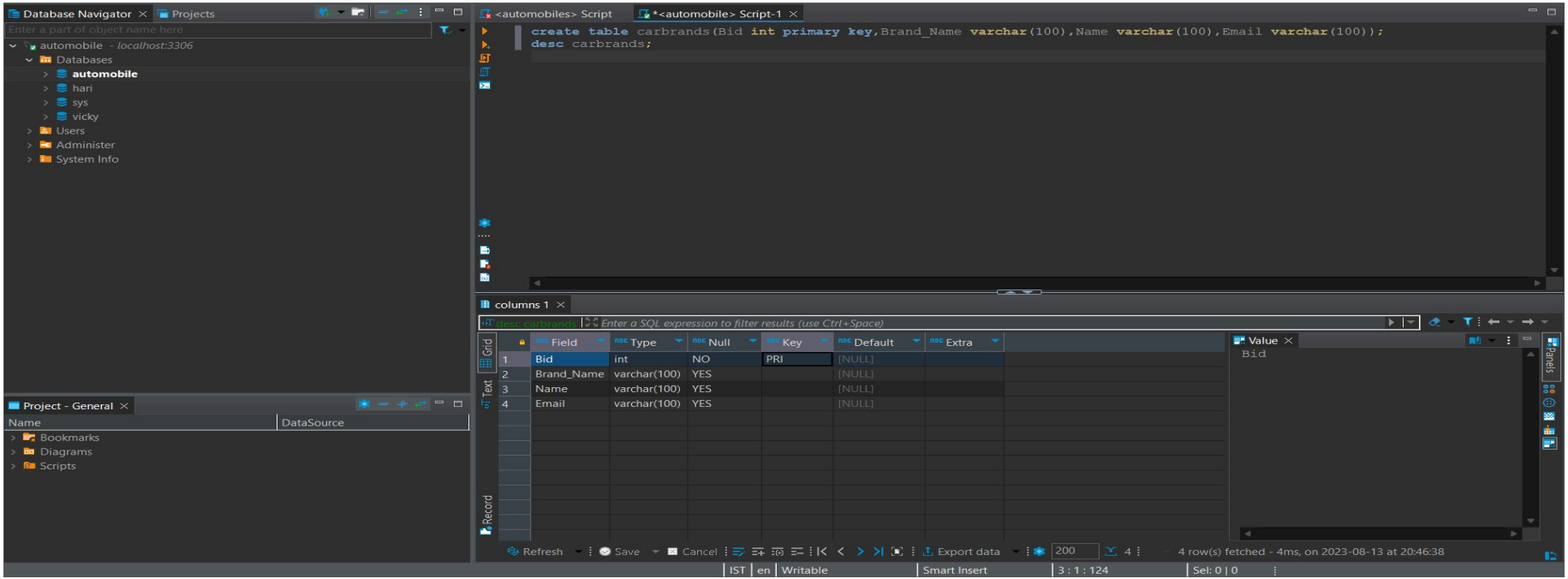
(*Create database automobile;)*



CREATING A PARENT TABLE: car brands

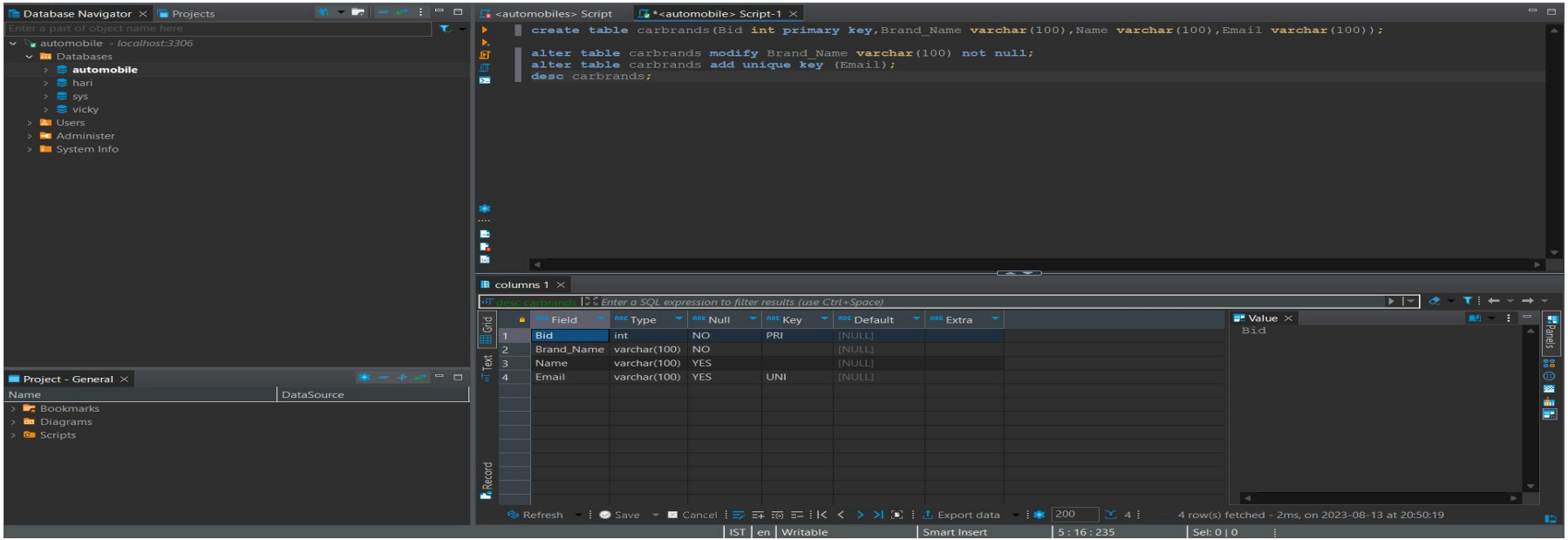
Syntax:

create table car brands(Bid int primary key,Brand_Name varchar(100),Name varchar(100),Email varchar(100));

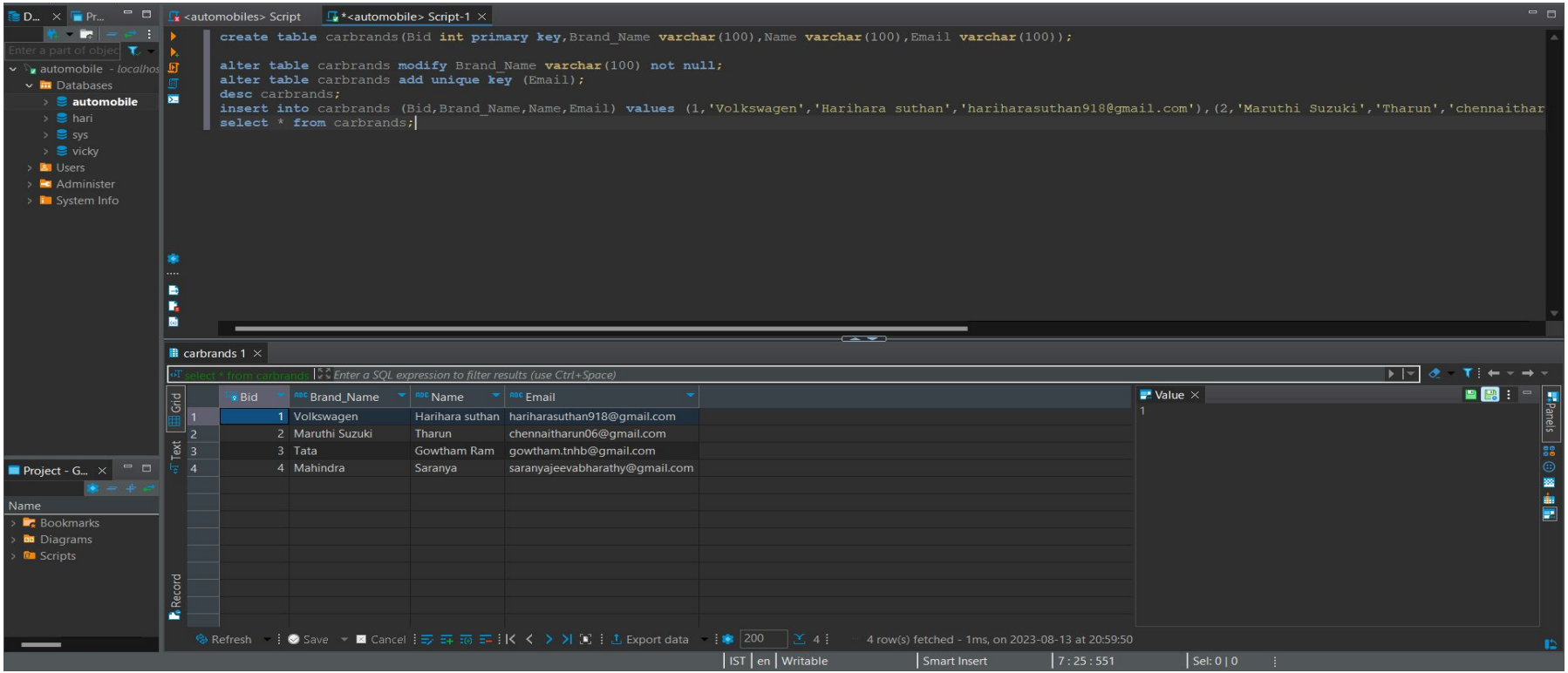


ADDING CONSTRAINTS TO PARENT TABLE:

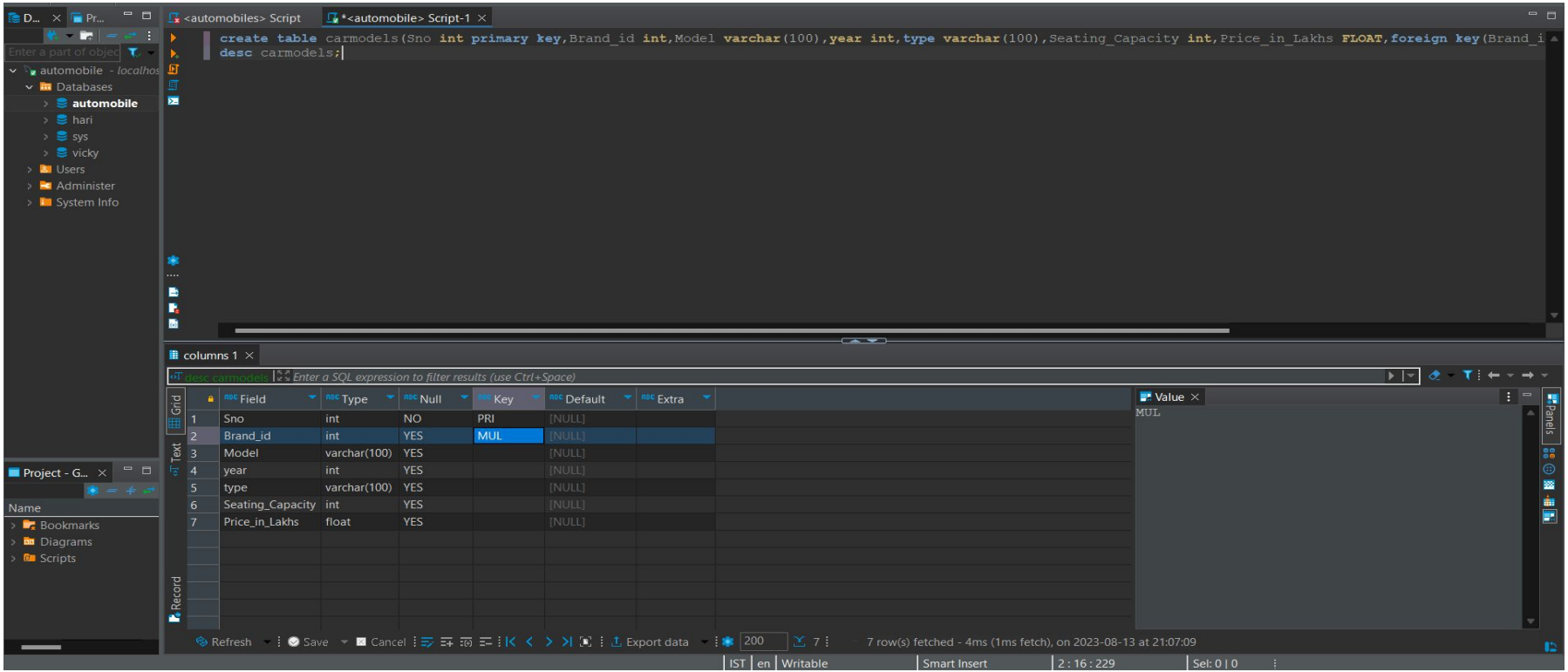
1.primary key
2.unique key
3.Not null



INSERTING VALUES TO PARENT TABLE:

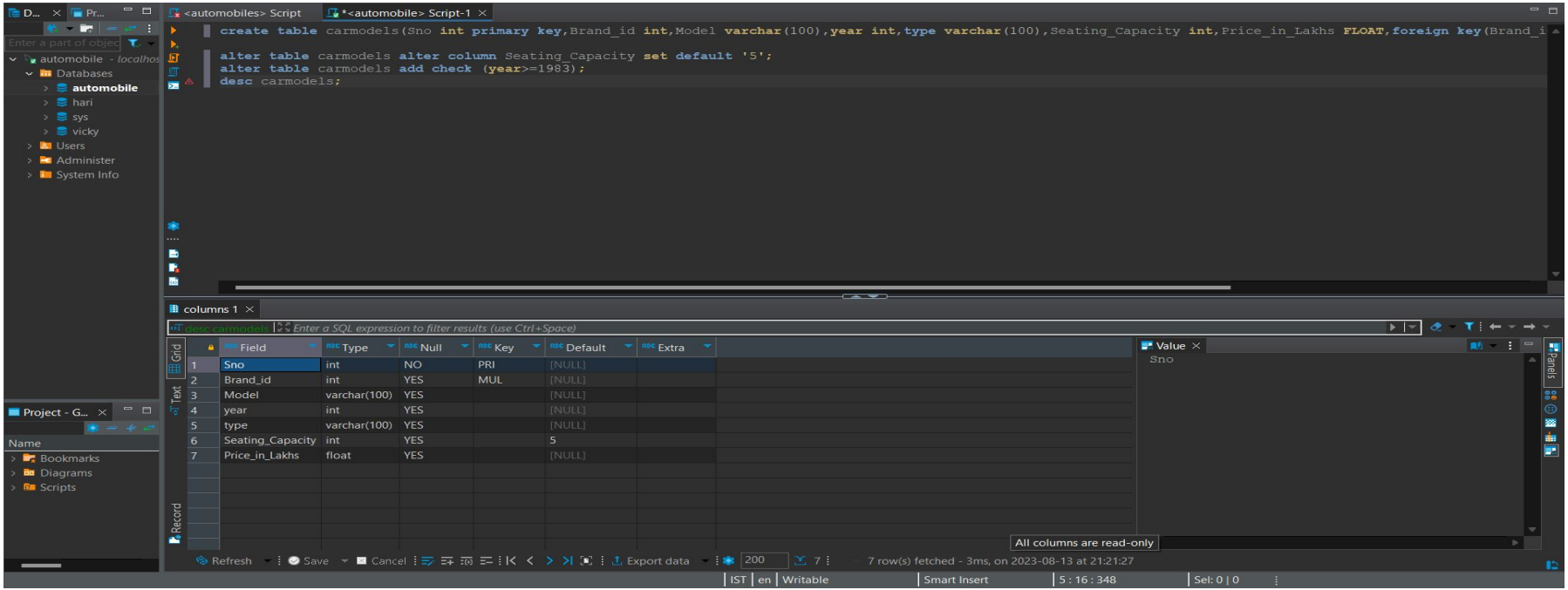


CREATING CHILD TABLE: carmodels



ADDING CONSTRAINTS TO PARENT TABLE:

1.Primary key
2.Foreign key
3.Check
4.Default



OUTCOME:

By employing softwares like MySQL and D beaver we were able to fetch details from the database and were able to produce the required results.

THANK YOU