**SQL**

* **Creating tables:**

**create table car\_details(**

**car\_id INT primary key,**

**make VARCHAR(20),**

**model int,**

**engine\_type varchar(10),**

**num\_previous\_owners int,**

**insurance\_last\_date DATE,**

**condiotion VARCHAR(20),**

**price INT**

**);**

**create table selling\_cars(**

**car\_id INT,**

**sold\_price INT,**

**FOREIGN KEY(car\_id) REFERENCES car\_details(car\_id)**

**);**

* **Inserting data into tables:**

**insert into car\_details values(1,'Maruti Swift',2008,'petrol',2,'2020-12-10','used',520000);**

**insert into car\_details values(2,'Tata Altroz',2004,'diesel',1,'2021-01-03','used',540000);**

**insert into car\_details values(3,'Hyundai i20',2009,'petrol',2,'2021-05-16','used',700000);**

**insert into car\_details values(4,'Honda city 4th gen',2003,'petrol',2,'2020-11-05','used',1000000);**

**insert into car\_details values(5,'Toyota Innova Crysta',2015,'diesel',1,'2020-12-23','used',1600000);**

**insert into car\_details values(6,'Chevrolet Aveo',2002,'petrol',3,'2021-06-27','used',598000);**

**insert into car\_details values(7,'Datsun Go',2004,'petrol',2,'2021-08-15','used',400000);**

**insert into car\_details values(8,'Ford Ecosport',2012,'diesel',3,'2020-12-07','used',820000);**

**insert into car\_details values(9,'Hyundai Creta',2014,'petrol',1,'2021-07-30','used',950000);**

**insert into car\_details values(10,'Maruti Baleno',2013,'petrol',2,'2020-12-15','used',600000);**

**insert into selling\_cars values(1,300000);**

**insert into selling\_cars values(3,650000);**

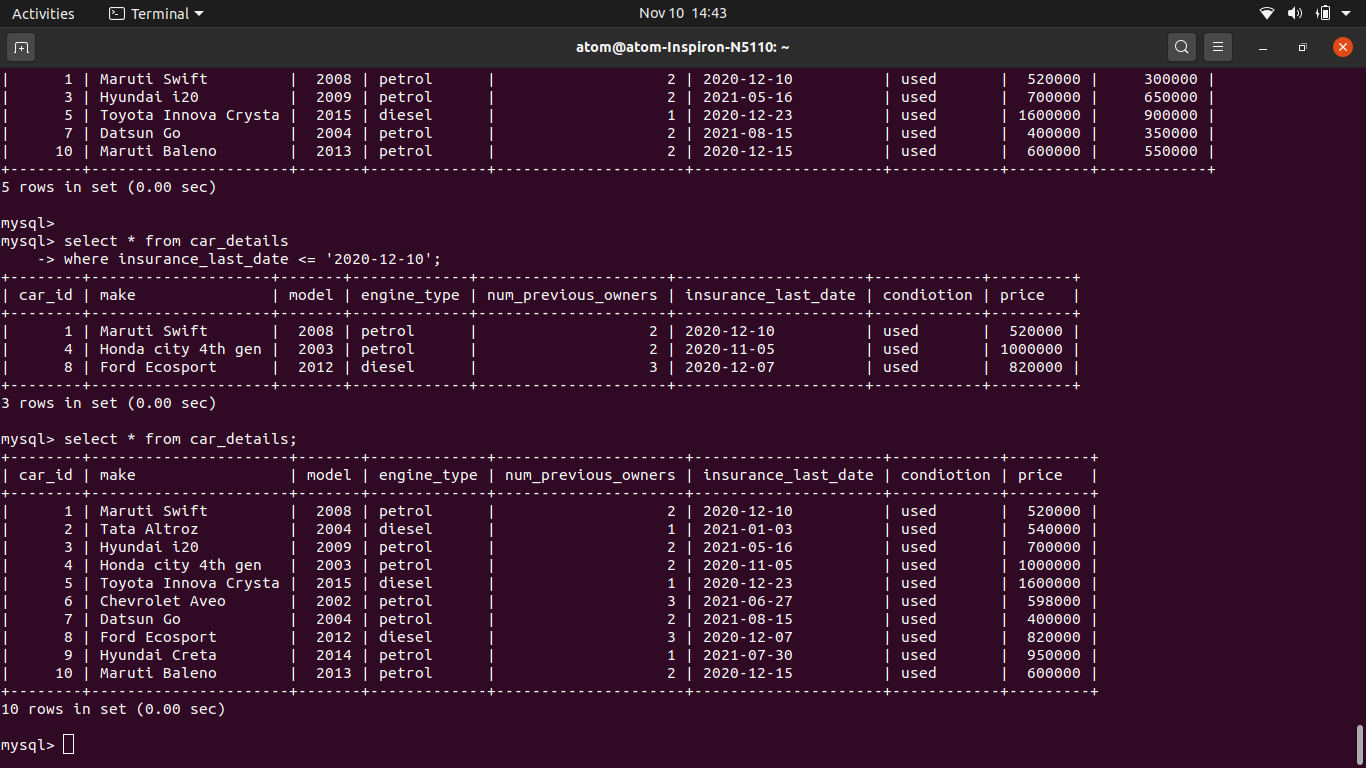
**insert into selling\_cars values(5,900000);**

**insert into selling\_cars values(7,350000);**

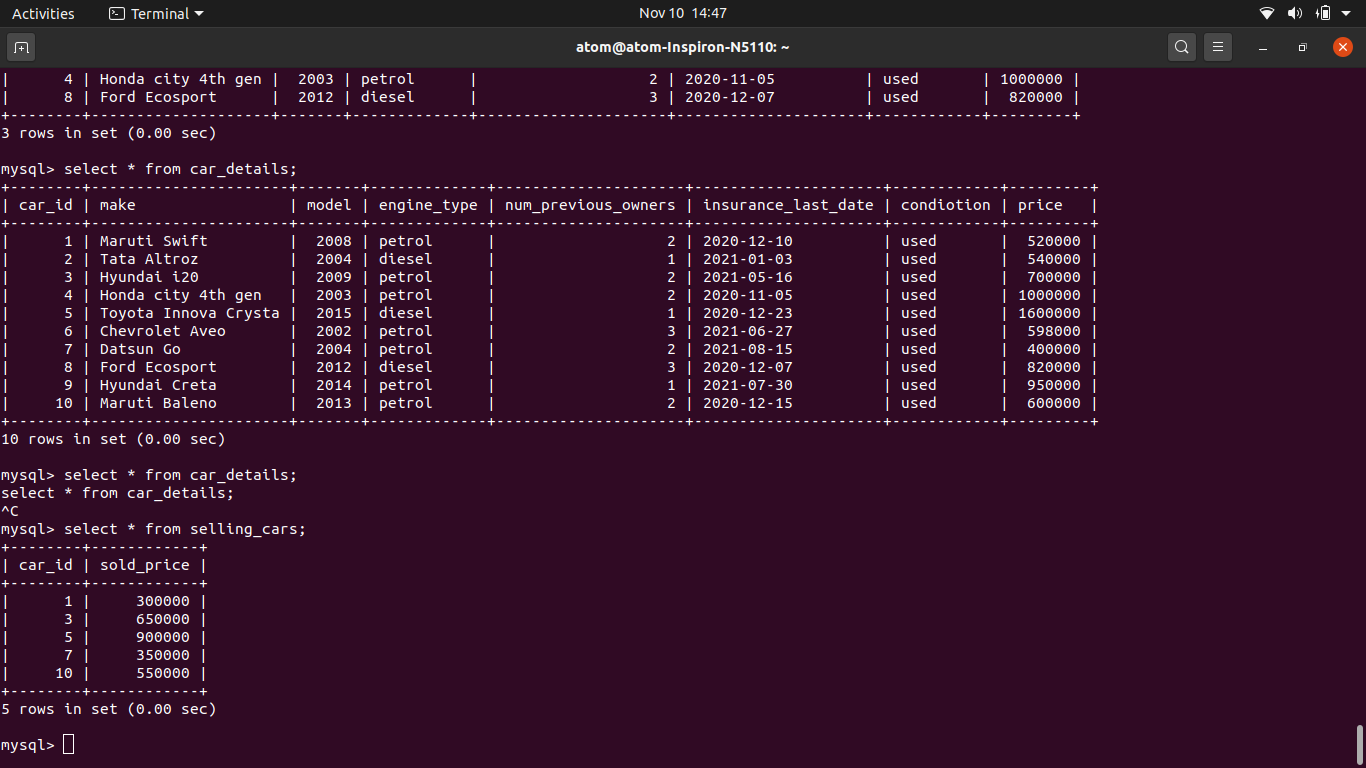
**insert into selling\_cars values(10,550000);**

**TABLES:**

1. **car\_details:**



1. **selling\_cars:**



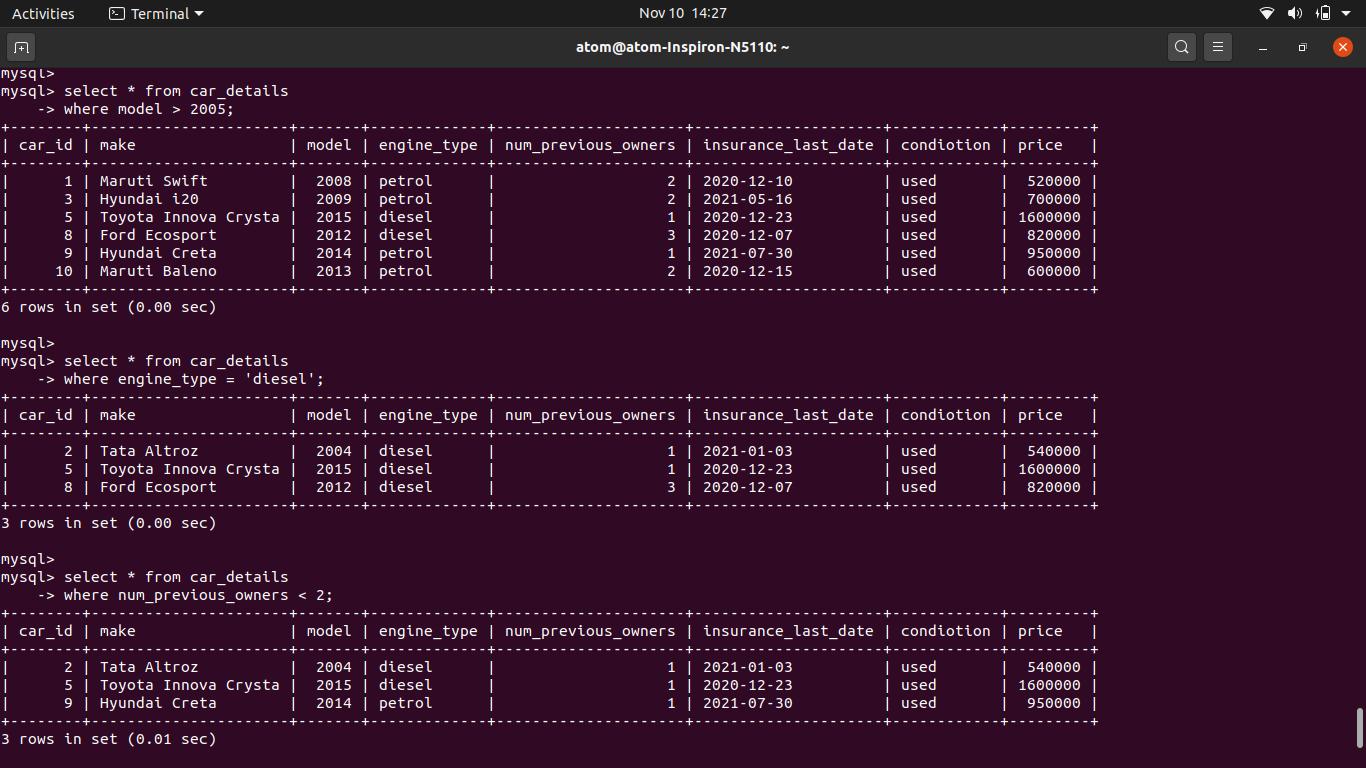
**QUERIES:**

1. **Show all cars above model 2005**

**select \* from car\_details**

**where model > 2005;**

**Output:**

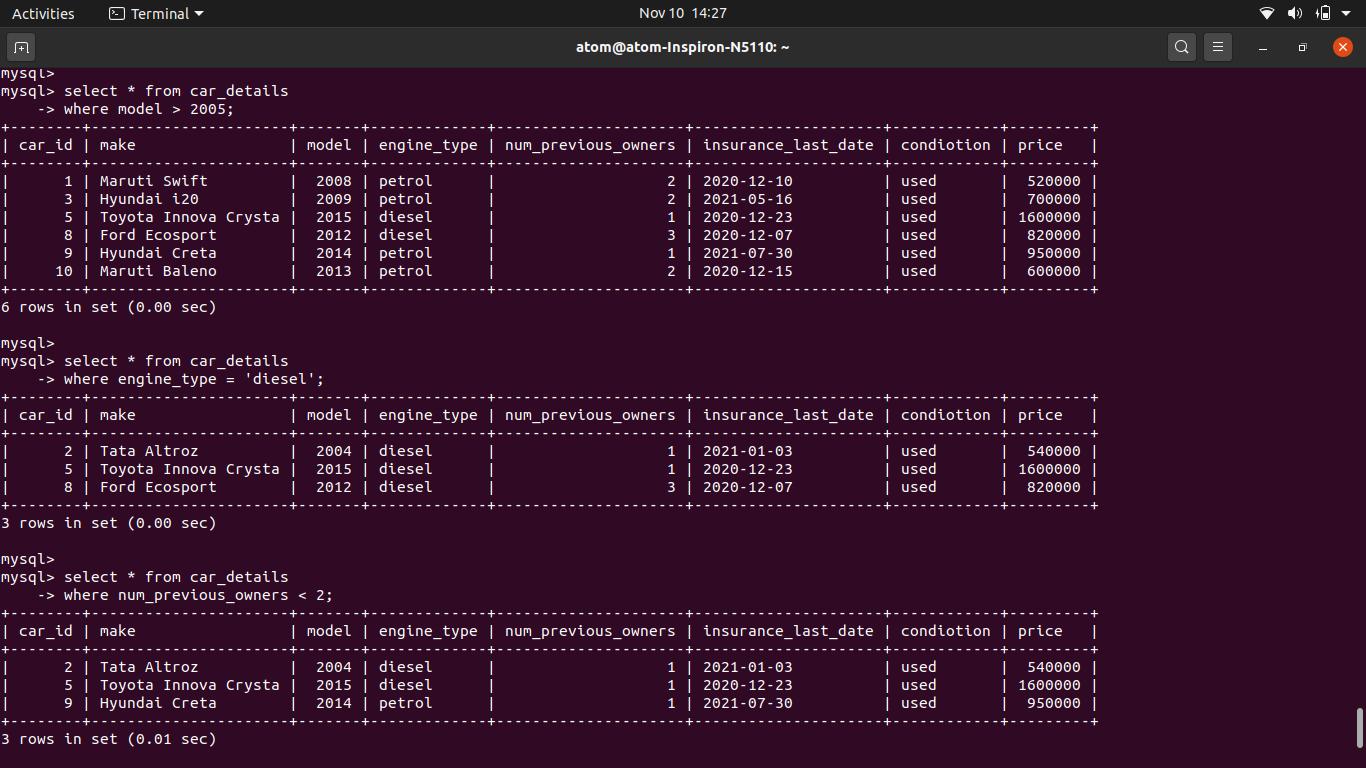


1. **Show all cars that are Diesel**

**select \* from car\_details**

**where engine\_type = 'diesel';**

**Output:**

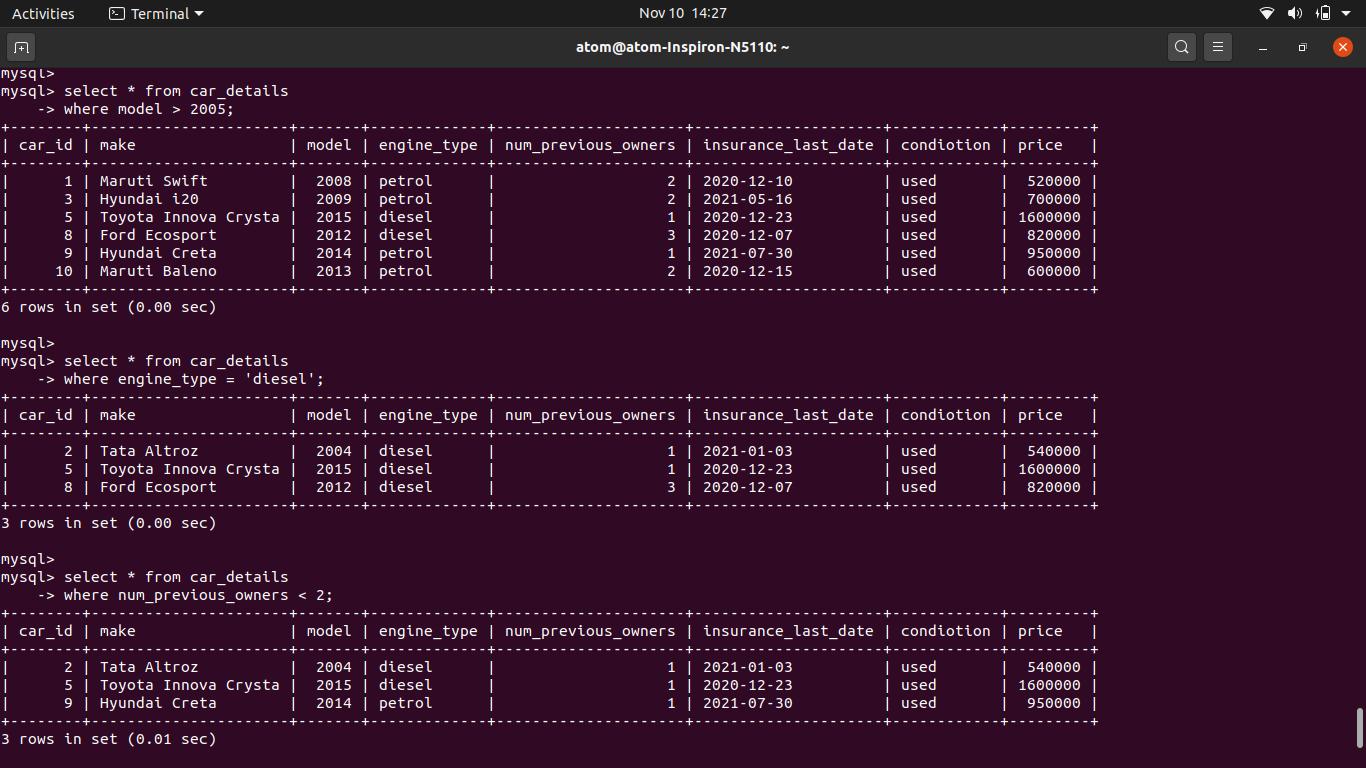


1. **Show all cars with less than 2 owners ( no of old owners)**

**select \* from car\_details**

**where num\_previous\_owners < 2;**

**Output:**



1. **Show cars sold**

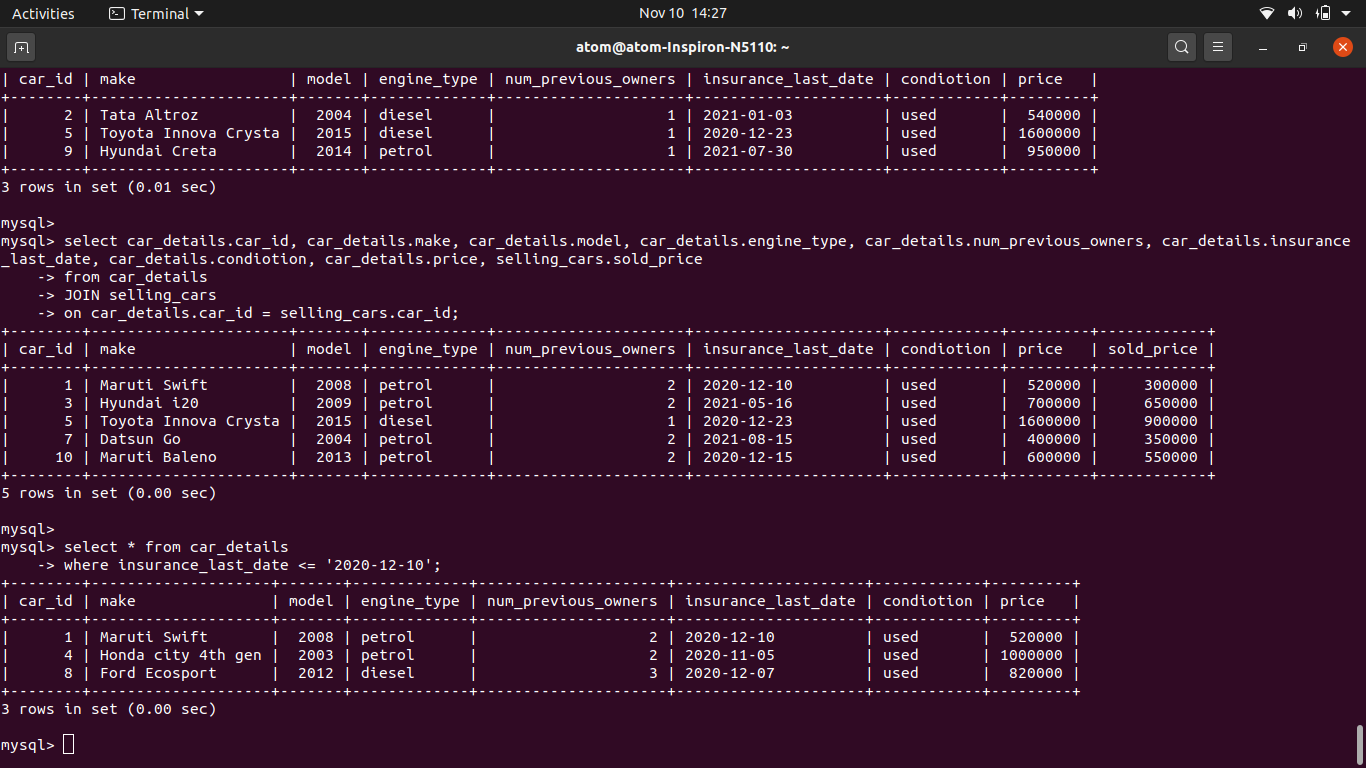
**select car\_details.car\_id, car\_details.make, car\_details.model, car\_details.engine\_type, car\_details.num\_previous\_owners, car\_details.insurance\_last\_date, car\_details.condiotion, car\_details.price, selling\_cars.sold\_price**

**from car\_details**

**JOIN selling\_cars**

**on car\_details.car\_id = selling\_cars.car\_id;**

**Output:**



1. **Show cars whose insurance last date is pending in next 30 days**

**select \* from car\_details**

**where insurance\_last\_date <= '2020-12-10';**

**Output:**

