**PROGRAM 1**

**Consider the Insurance database given below. The primary keys are underlined and the data types are specified.**

**PERSON (driver-id #: String, name: String, address: String)**

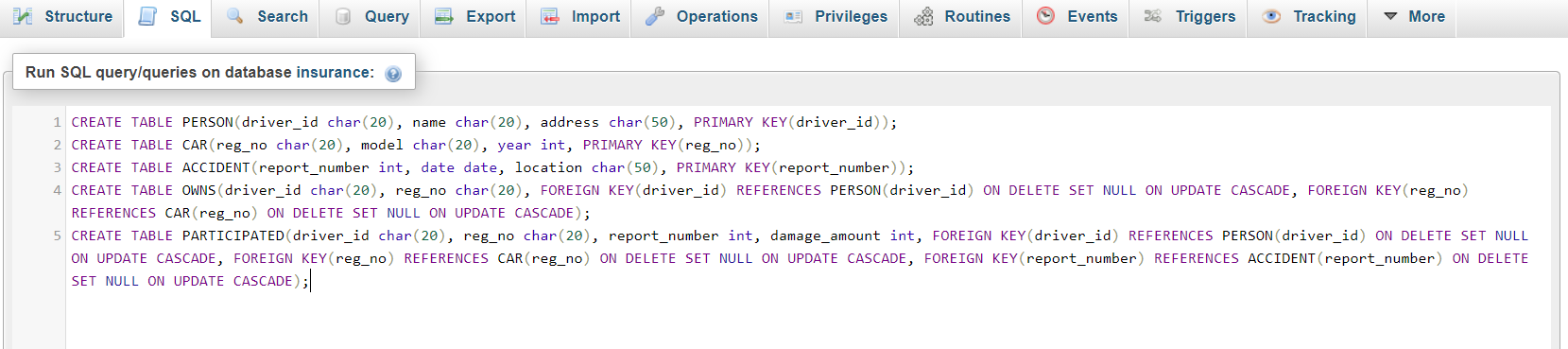
**CAR (regno: String, model: String, year: int)**

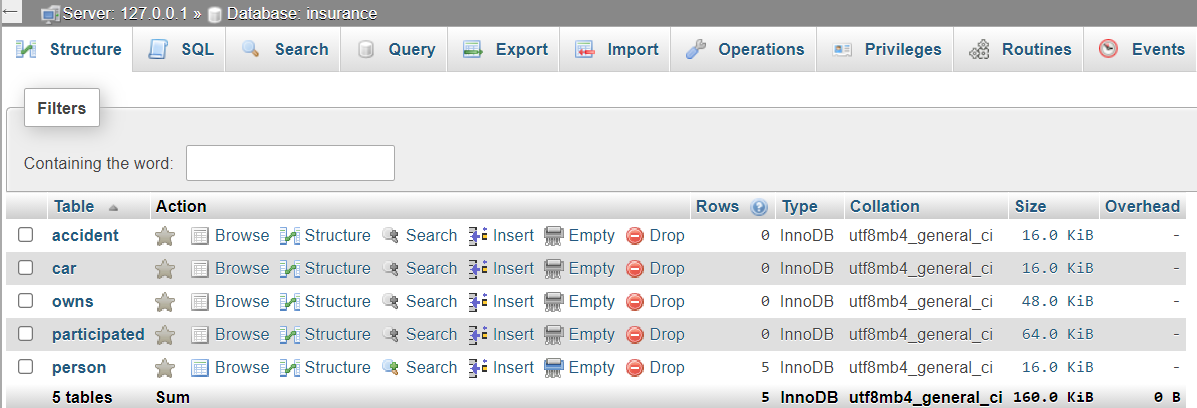
**ACCIDENT (report-number: int, date: date, location: String)**

**OWNS (driver-id #: String, Regno: String)**

**PARTICIPATED (driver-id: String, regno: String, report-number: int, damage-amount: int)**

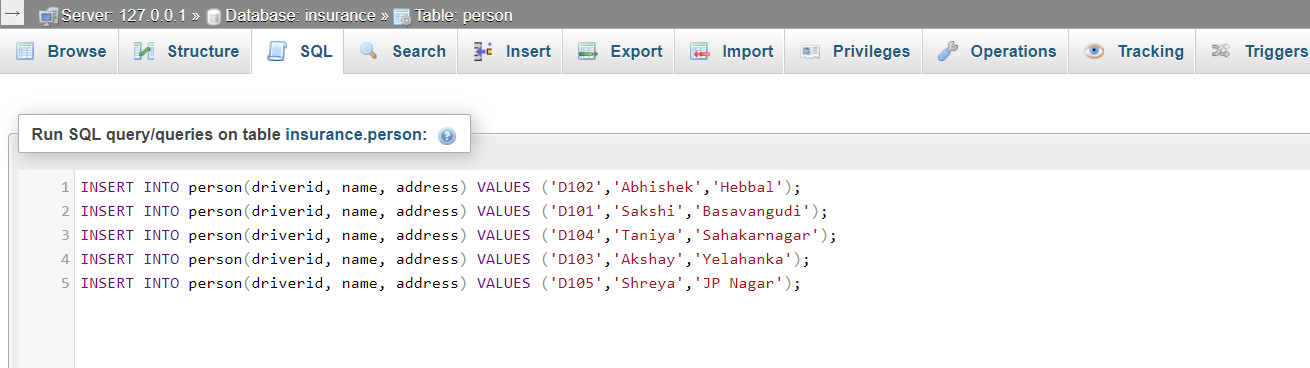
1. **Create the above tables by properly specifying the primary keys and the foreign keys.**

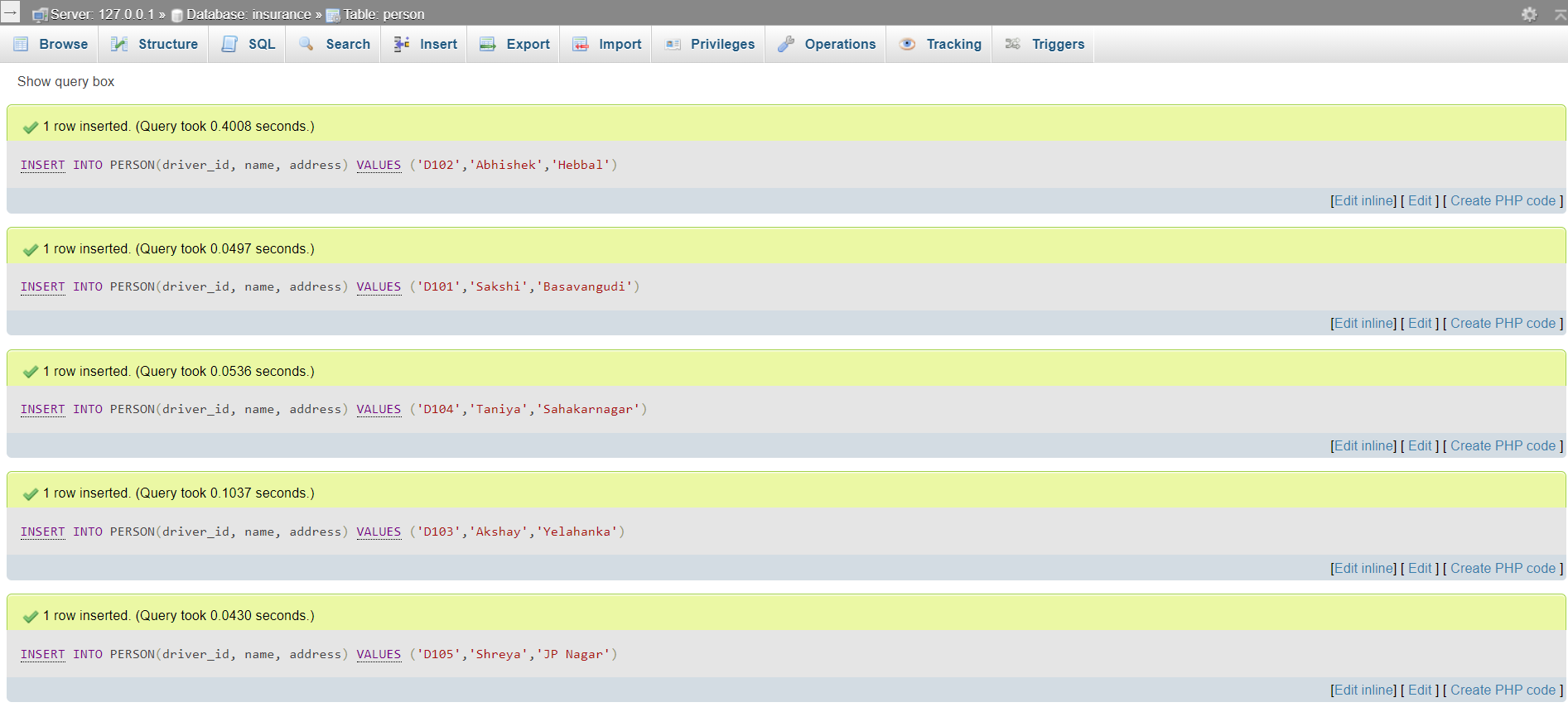


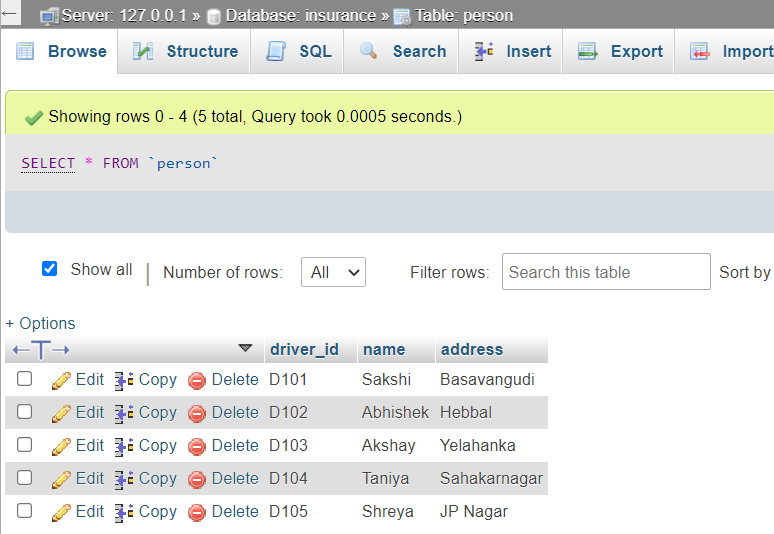


1. **Enter at least 5 tuples for each relation.**

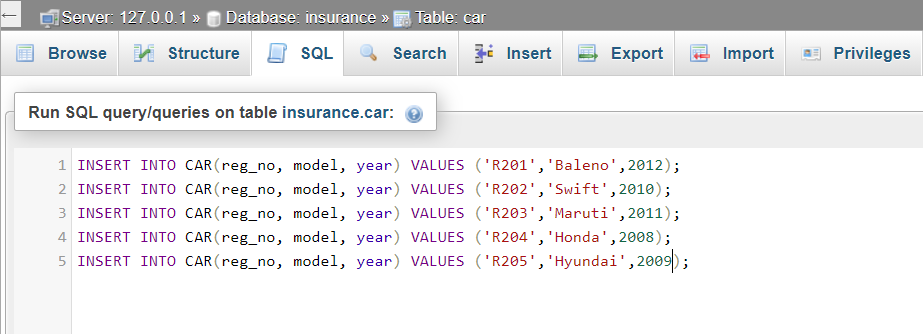
**‘PERSON’ table:**

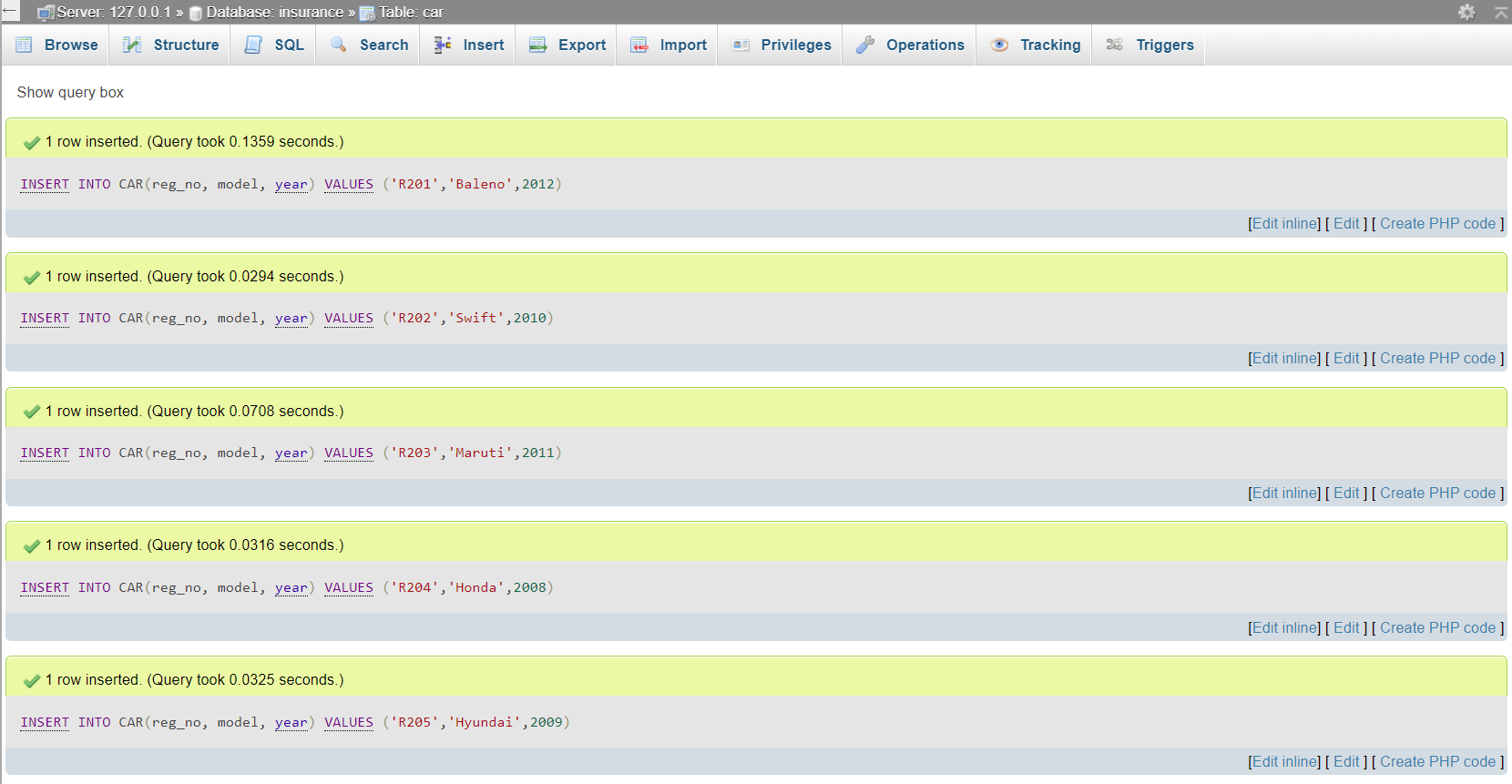


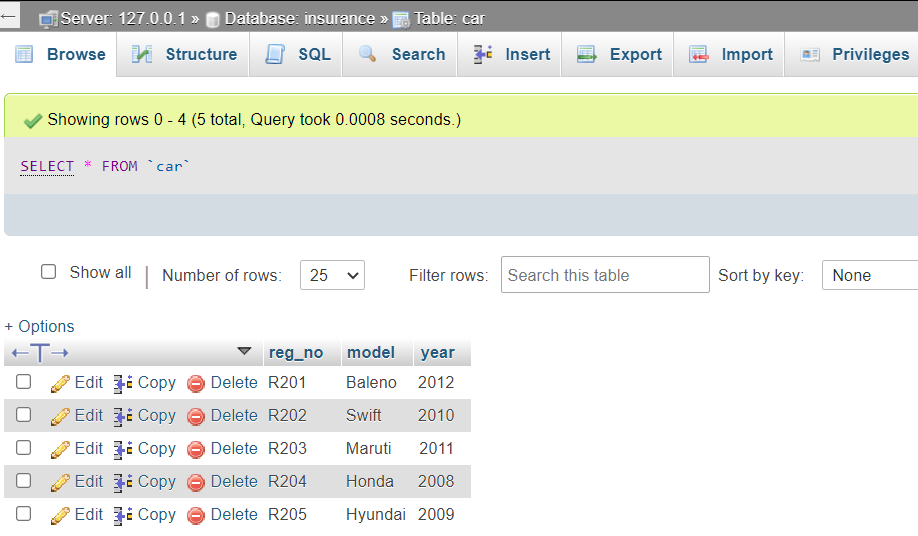




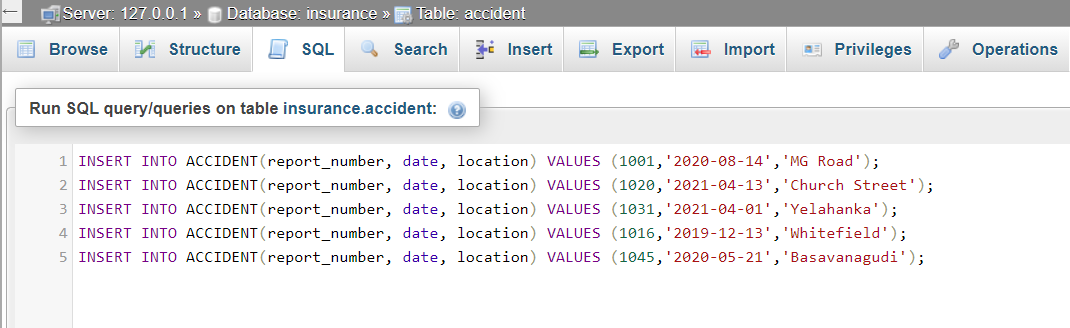
**‘CAR’ table:**

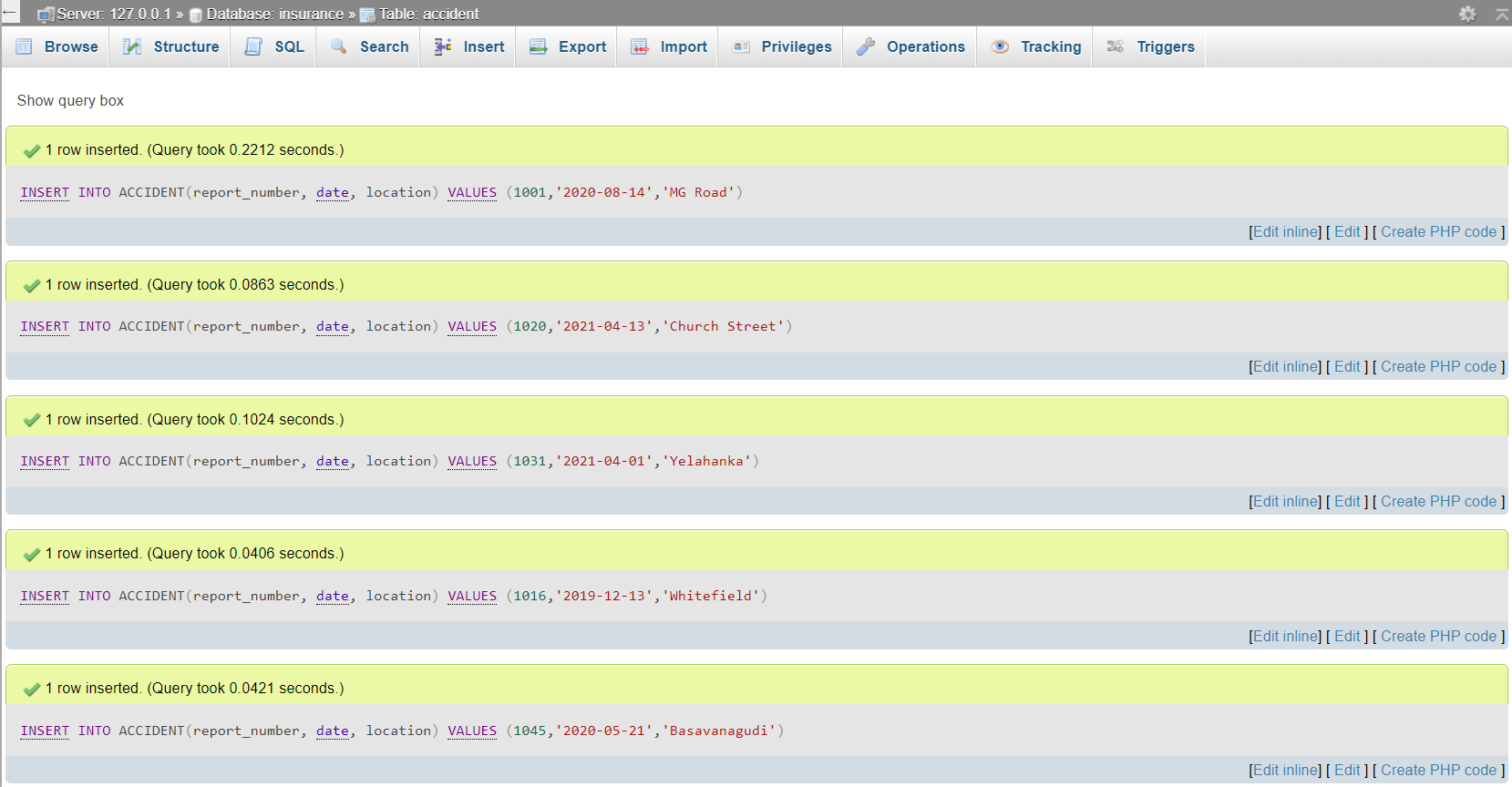


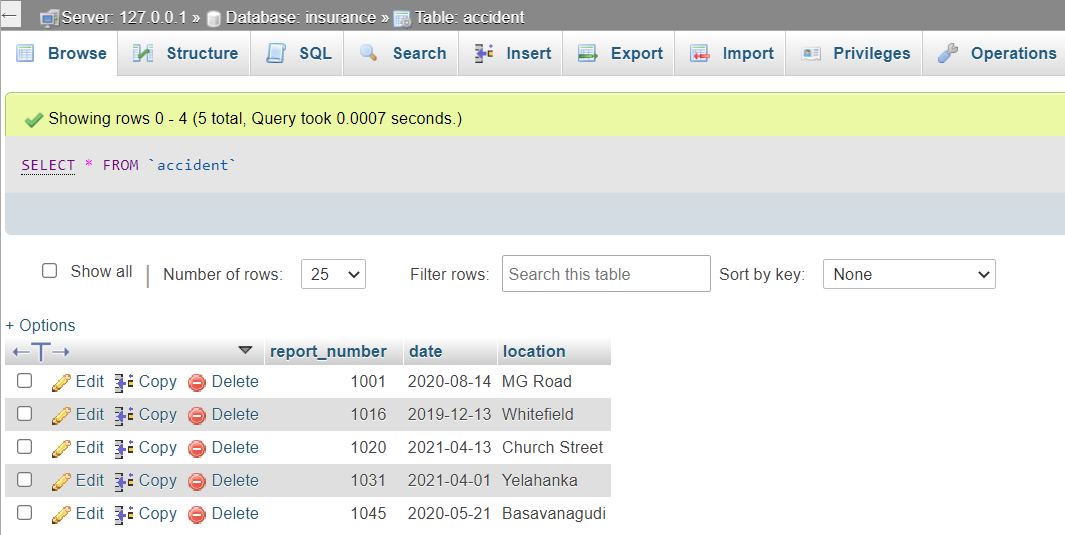




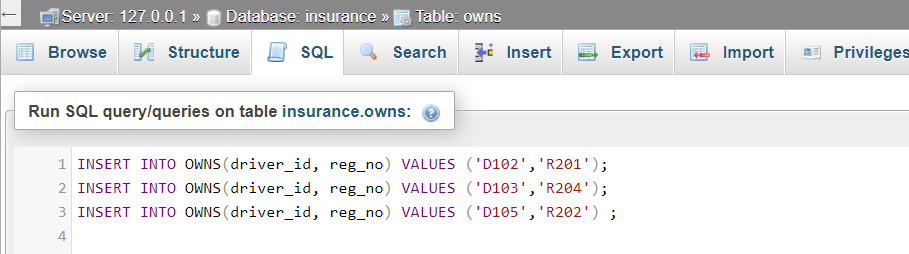
**‘ACCIDENT’ table:**

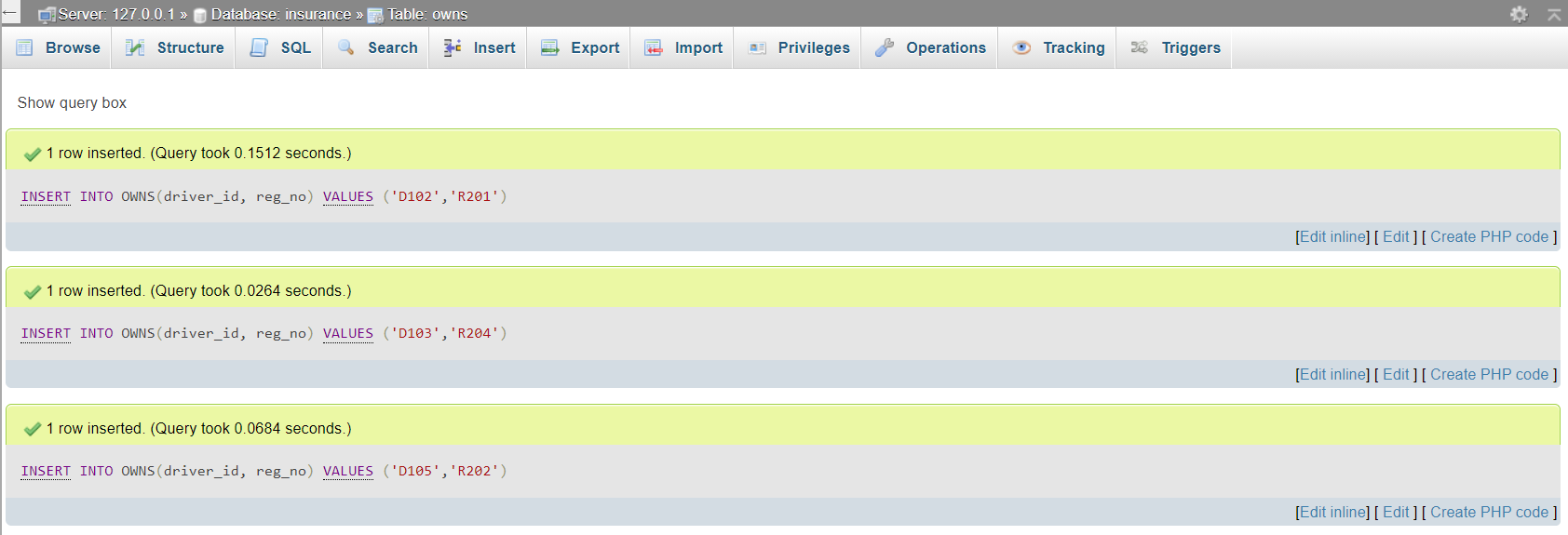


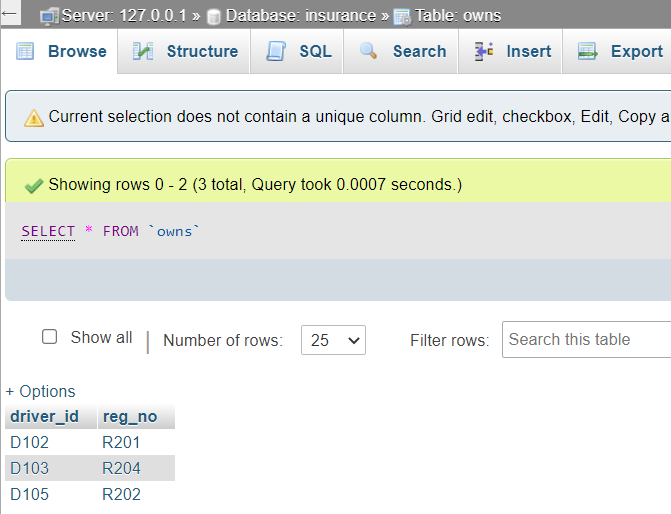




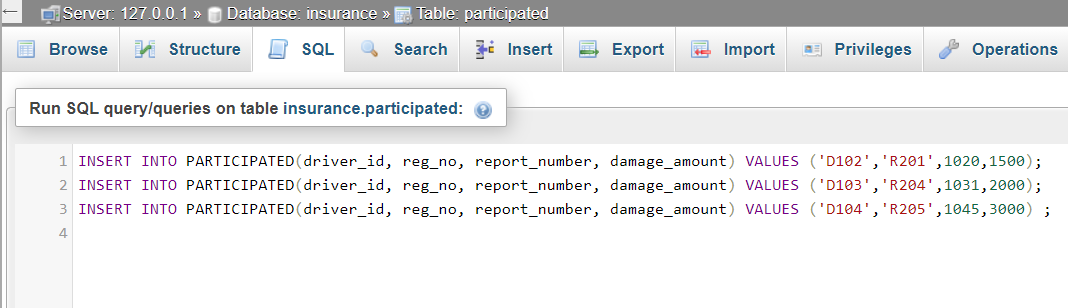
**‘OWNS’ table:**



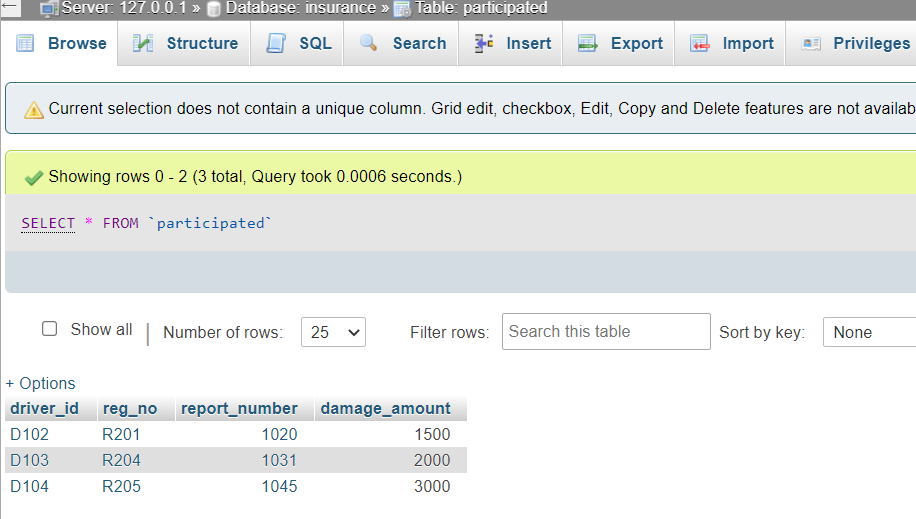




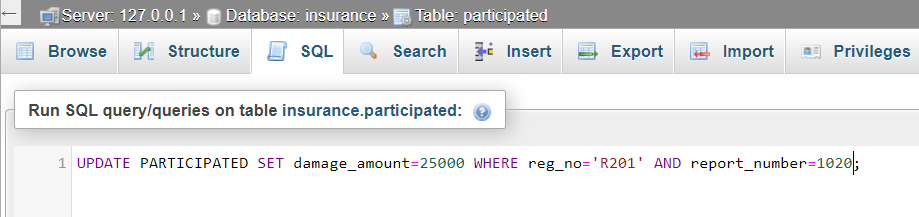
**‘PARTICIPATED’ table:**

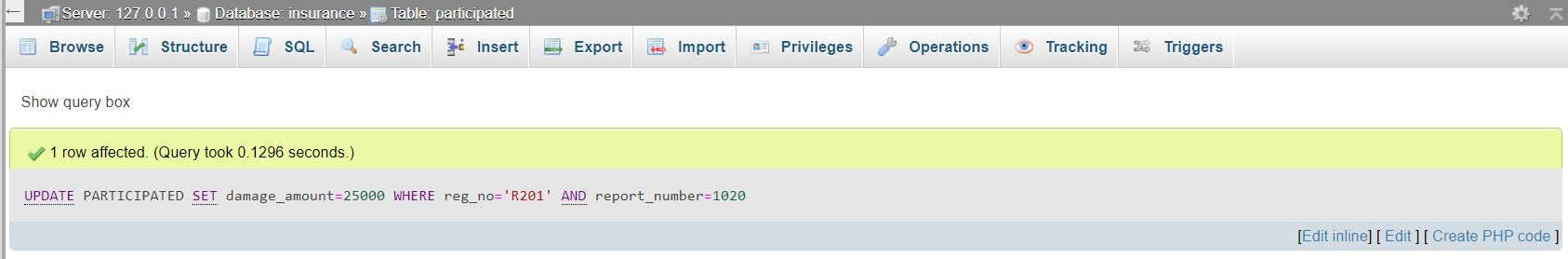


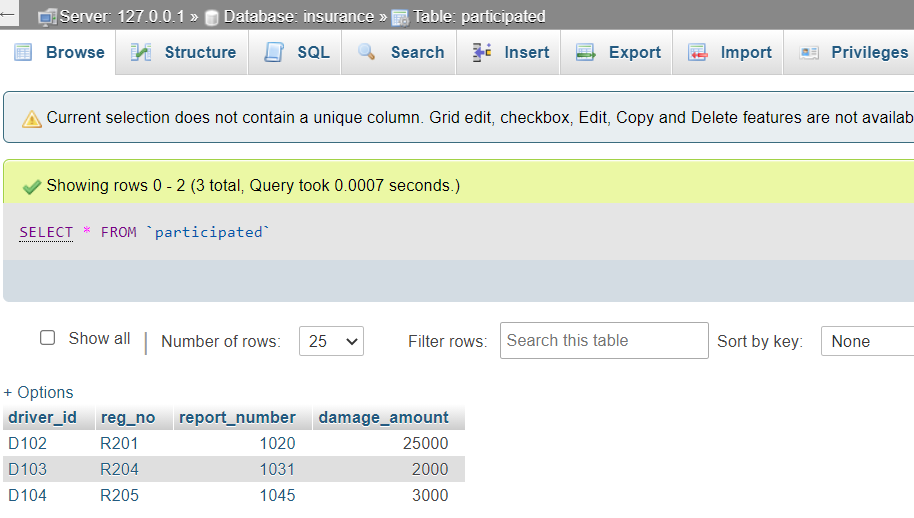




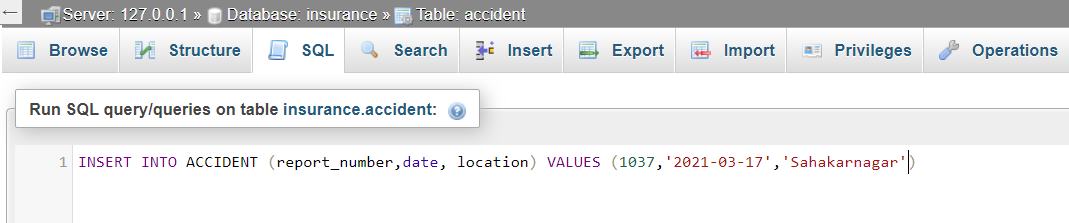
1. **Demonstrate how you**
2. **Update the damage amount for the car with a specific Regno in the accident with report number 12 to 25000.**

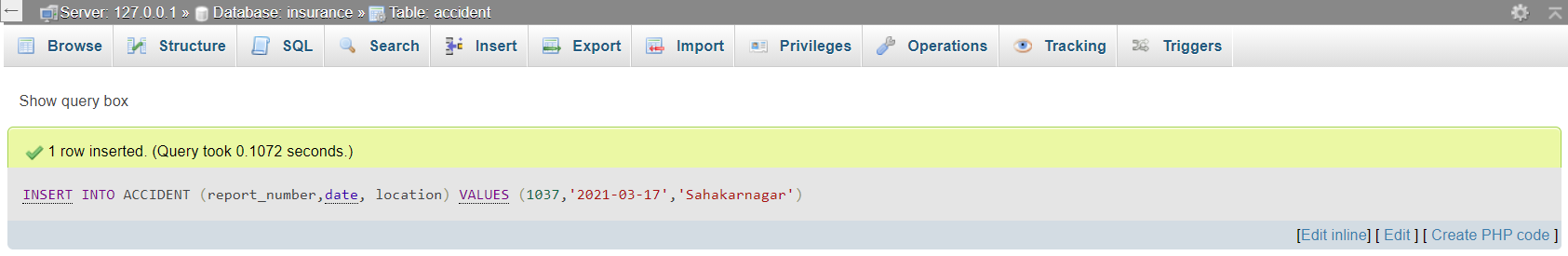


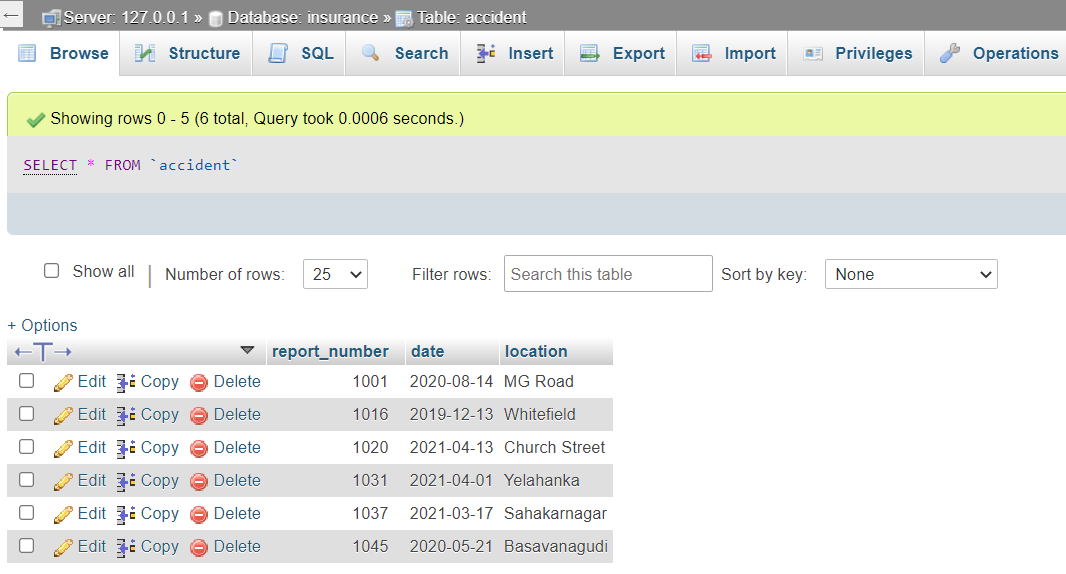




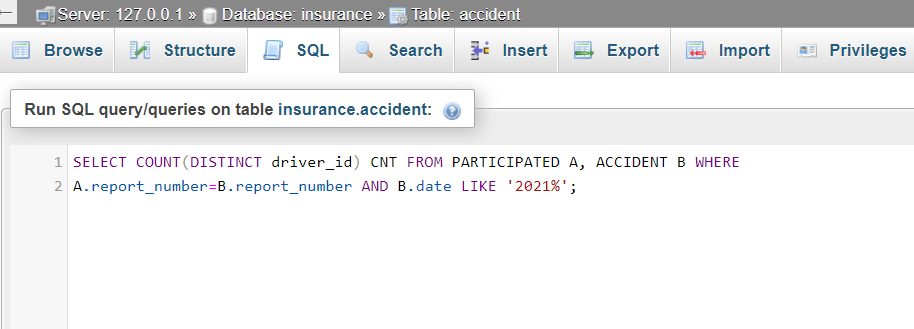
**b) Add a new accident to the database.**

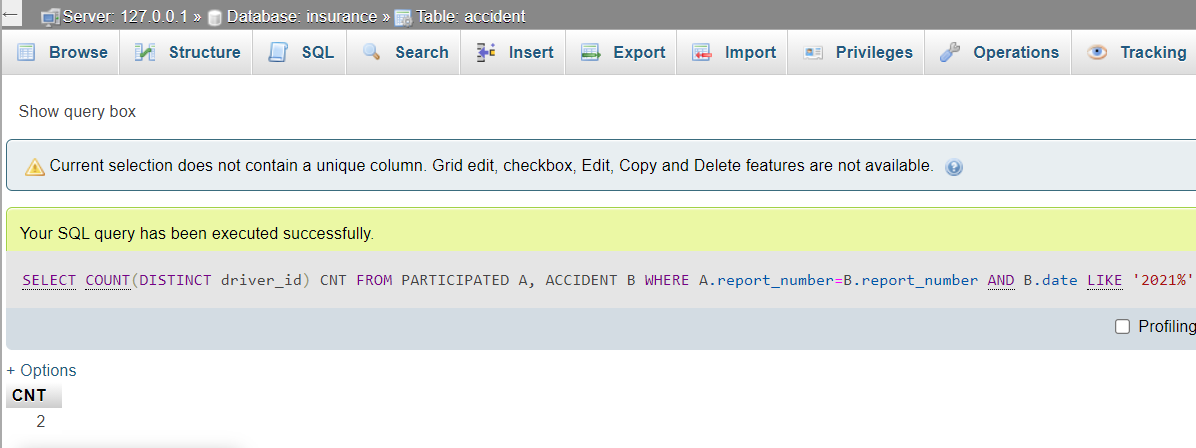






1. **Find the total number of people who owned cars that were involved in accidents in 2021.**





1. **Find the number of accidents in which cars belonging to a specific model (say ‘Hyundai’) were involved.**

