PROGRAM 2: More Queries on INSURANCE DATABASE

Consider the Insurance database given below. The data types are specified.

PERSON (driver\_id: String, name: String, address: String)

CAR (reg\_num: String, model: String, year: int)

ACCIDENT (report\_num: int, accident\_date: date, location: String)

OWNS (driver\_id: String, reg\_num: String)

PARTICIPATED (driver\_id: String,reg\_num: String, report\_num: int, damage\_amount: int)

List of operations

● Create the above tables by properly specifying the primary keys and the foreign

keys as done in previous week’s lab and Enter at least five tuples for each relation

● Demonstrate how you can:

o Update the damage amount to 25000 for the car with a specific reg-num(example &#39;K

A053408&#39;) for which the accident report number was 12.

o Add a new accident to the database.

● Display the entire CAR relation in the ascending order of manufacturing year.

● Find the number of accidents in which cars belonging to a specific model (example

&#39;Lancer&#39;) were involved.

● Find the total number of people who owned cars that involved in accidents in 2008.

● Find the number of accidents in which cars belonging to a specific model (ex: ‘Lancer’)

were involved accidents in 2008.

ADDITIONAL QUERIES:

1) LIST THE ENTIRE PARTICIPATED RELATION IN THE DESCENDING ORDER OF

DAMAGE AMOUNT.

2) FIND THE AVERAGE DAMAGE AMOUNT

3) LIST THE NAME OF DRIVERS WHOSE DAMAGE IS GREATER THAN THE AVERAGE

DAMAGE AMOUNT.

4) FIND MAXIMUM DAMAGE AMOUNT.

WEEK 2—



















