**Schema Identifications Assignments**

**Assignment1:**

A road transport office keeps the information of the all vehicles and persons who owns the vehicles. It also keeps the records of their accidents. Each person can own one or more cars. It also maintains the accident information about the cars like date of accident, damage amount, insurance claimed or not, insurance amount etc. One car can undergo more than one accident.Identify required tables, columns and their relationship to represent the above information. Write the SQL commands to represent the schema (tables) in the database.

**Assignment2:**

A travel agency keeps the information of the all vehicles which it gives on rent and records of their customers and drivers. Customer and vehicle details are maintained. It maintains vehicle rent details like which vehicle is given on rent, to whom, start and end date and rent of that vehicle.Identify required tables, columns and their relationship to represent the above information. Write the SQL commands to represent the schema (tables) in the database.

**Assignment3:**

An PDFC Bank keeps track of all its, branch, customer and account details. One customer can have more than one account. It also maintains details of the transactions made by the customer. Account can have multiple transactions of credit and debits. Transactions details are date of transaction, type of transaction (credit/debit) ,amount etc.Identify required tables, columns and their relationship to represent the above information. Write the SQL commands to represent the schema (tables) in the database.

**Assignment4:**

The shop keeper records the information of the products, product orders and their customers. Customers can place multiple orders and an order can be raised for multiple products. Identify required tables, columns and their relationship to represent the above information. Write the SQL commands to represent the schema (tables) in the database. Identify required tables, columns and their relationship to represent the above information. Write the SQL commands to represent the schema (tables) in the database.

**Assignment5:**

A Real Estate agency records the transactions where the builder sells property to a buyer through an agent. It keeps records of builders, Agents, buyers and transactions of the properties. A customer can purchase the property from buyer or agents. When property is purchased from the agent then agent gets commission from buyer or builder or both. Identify required tables, columns and their relationship to represent the above information. Write the SQL commands to represent the schema (tables) in the database.