Case study-2

CUSTOMER

Cust\_id PK

Cust\_name

Annual\_revenue

Cust\_type

SHIPMENT

Shipment# PK

Cust\_id FK

Weight

Truck#

Destination

Ship\_date

TRUCK

Truck#

Driver\_name

DESCRIPTION

CUSTOMER

|  |  |
| --- | --- |
| Cust\_id | Number PRIMARY KEY |
| Cust\_name | Varchar2(20) |
| Annual\_revenue | Varchar2(20) |
| Cust\_type | Varchar2(20) wholesale/retailer |

TRUCK

|  |  |
| --- | --- |
| TRUCK# | NUMBER PRIMARY KEY |
| DRIVER\_NAME | VARCHAR2(20) |

SHIPMENT

|  |  |
| --- | --- |
| Shipment# | Number PRIMARY KEY |
| Cust\_id | Number Foreign key references to customer table |
| Weight | Number |
| Truck# | Number Foreign key references to truck table |
| Destination | Varchar2(20) city of delivery |
| Ship\_date | Date |

Note: Read Questions carefully for data input .

1. Run a script to create all the tables
2. Display all table name(related to case study) and later display all table structure using command on prompt
3. Create a procedure to insert data in tables , input should be taken at runtime.

Note:

Mention all input in your output notepad file (which you need to submit )

1. Invoke procedure in unnamed block

Example:

Customer table: 10 rows

Invoke procedure 10 times in unnamed block to insert data.

1. What are the names of customers who have sent package (shipment) to solux city?
2. Who are the customers having over $5 million in annual revenue who have sent shipments weighing less than 1 pound?
3. Give name of the customers that have a capital ‘D’ as the third character in their names
4. Give all data for shipments weighing over 20 pounds.
5. List the name and annual revenue of the customers whose shipments have been delivered by truck driver Jensen.
6. Which drivers have taken shipments to cities for customers with revenue under $1 million.
7. Give name of the customers who have sent shipments to destination wstith names ending with ‘City’.
8. Create an alphabetical list of the names of customers with more than $10 million in annual revenue .
9. List drivername and destinations who have delivered shipments to which all the destinations.
10. What is the total weight of package (shipments) carried in truck 82?