DBMS Assessment

Module-5) Se - Introduction To Dbms

COMMAND :

```sql
CREATE TABLE salesman( saleman_id int PRIMARY KEY, name varchar(30), city varchar(30), commission text );
```

COMMAND :

```sql
CREATE TABLE Customer ( customer_id INT PRIMARY KEY, customer_name VARCHAR(100), city VARCHAR(100), grade CHAR(1), saleman_id INT, FOREIGN KEY (saleman_id) REFERENCES Salesman(saleman_id));
```

COMMAND :

```sql
INSERT INTO salesman (saleman_id, name, city, commission) VALUES (101, 'Alex Brown', 'New York', '0.10'), (102, 'Mary Green', 'Chicago', '0.12'), (103, 'Peter Parker', 'Los Angeles', '0.08');
```

saleman_id	name	city	commission
101	Alex Brown	New York	0.10
102	Mary Green	Chicago	0.12
103	Peter Parker	Los Angeles	0.08
104	Susan Lee	Boston	0.09
105	Michael Scott	Scranton	0.15
106	Jim Halpert	Philadelphia	0.11

COMMAND :

```sql
INSERT INTO Customer (customer_id, cust_name, city, grade, saleman_id) VALUES (1, 'John Doe', 'New York', 'A', 101), (2, 'Jane Smith', 'Chicago', 'B', 102), (3, 'Sam Wilson', 'Los Angeles', 'C', 103);
```

customer_id	cust_name	city	grade	saleman_id
1	John Doe	New York	200	101
2	Jane Smith	Chicago	300	102
3	Sam Wilson	Los Angeles	100	103
4	Alice Johnson	Boston	100	104
5	Robert Paulson	Scranton	400	105
6	Pam Beesly	Philadelphia	240	106
7	Dwight Schrute	Scranton	320	105
8	Kevin Malone	Philadelphia	500	106
9	Angela Martin	Boston	600	104

COMMAND :

```
SELECT c.cust_name AS CustomerName, c.city AS CustomerCity, s.name AS Salesm
anName, s.commission AS SalesmanCommission FROM Customer c JOIN Salesman s O
N c.saleman_id = s.saleman_id;
```

CustomerName	CustomerCity	SalesmanName	SalesmanCommission
John Doe	New York	Alex Brown	0.10
Jane Smith	Chicago	Mary Green	0.12
Sam Wilson	Los Angeles	Peter Parker	0.08
Alice Johnson	Boston	Susan Lee	0.09
Robert Paulson	Scranton	Michael Scott	0.15
Pam Beesly	Philadelphia	Jim Halpert	0.11
Dwight Schrute	Scranton	Michael Scott	0.15
Kevin Malone	Philadelphia	Jim Halpert	0.11
Angela Martin	Boston	Susan Lee	0.09