**Assignment 1:** Introduction to DDL and basic DML Commands

| **cust\_id** | **cust\_fname** | **cust\_lname** | **territory** | **cred\_limt** | **mngr\_id** | **marital\_status** | **income** |
| --- | --- | --- | --- | --- | --- | --- | --- |
|  |  |  | America |  |  |  |  |
|  | Meg | Sen | Italy |  |  |  |  |
|  |  |  | India | 5000 |  | Single |  |

1.Create and insert given data in table customer.

**Query:**

create table customer(

cust\_id number,

cust\_fname varchar2(10),

cust\_lname varchar2(10),

territory varchar2(10),

cred\_limit number(10),

mngr\_id number(10),

marital\_status varchar2(10),

income number(20)

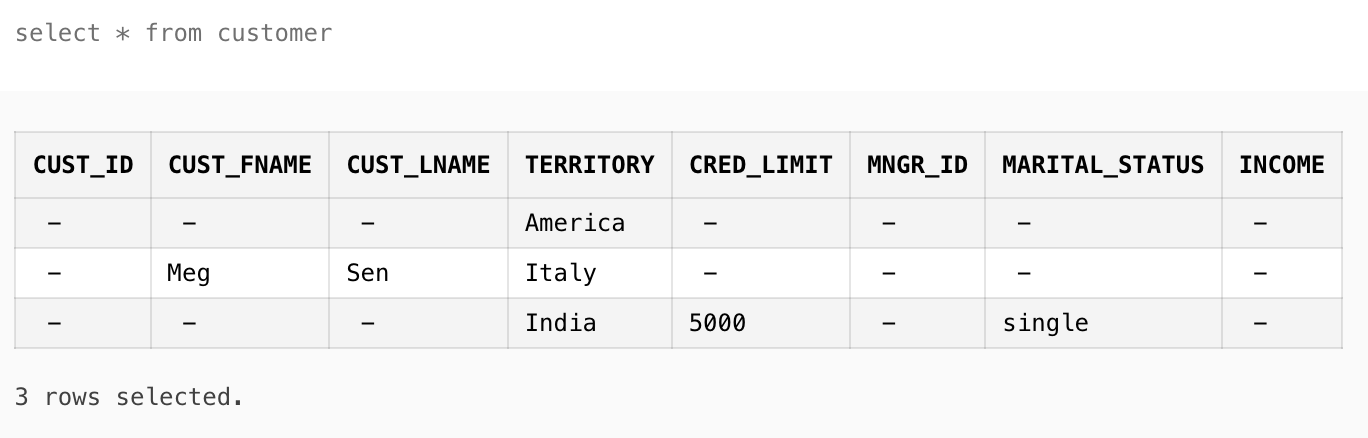
);

insert into customer(cust\_id,cust\_fname,cust\_lname,territory,cred\_limit,mngr\_id,marital\_status,income) values (‘’,'','','America','','','','');

insert into customer(cust\_id,cust\_fname,cust\_lname,territory,cred\_limit,mngr\_id,marital\_status,income) values (‘’,'Meg','Sen','Italy','','','','');

insert into customer(cust\_id,cust\_fname,cust\_lname,territory,cred\_limit,mngr\_id,marital\_status,income) values (‘’,'','','India','5000','','single','');

Output:

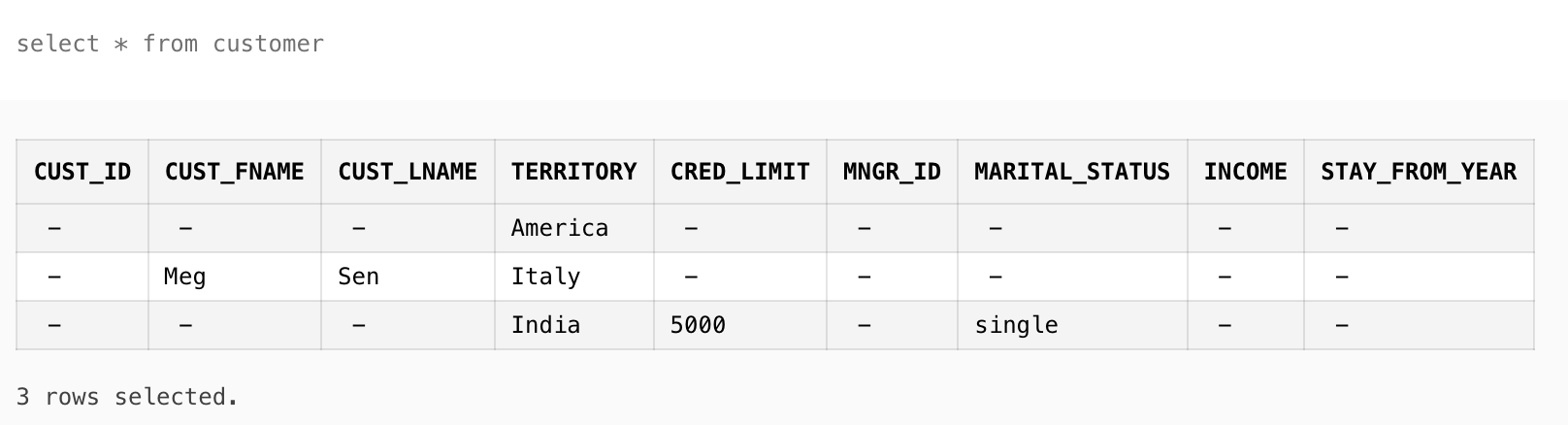


2. Alter table and Add column stay\_from\_year.

**Query**:

ALTER TABLE customer ADD stay\_from\_year varchar2(10)

**Output:**

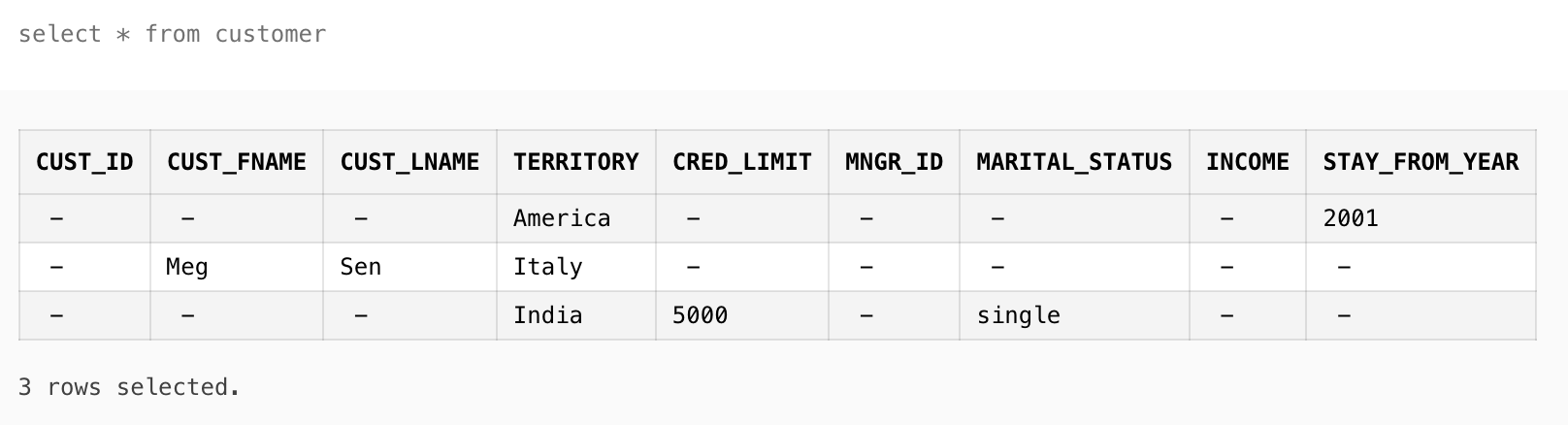
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3. Set value of stay\_from\_year as 2001 for America

**Query:**

UPDATE customer SET stay\_from\_year='2001' where territory='America'

**Output:**

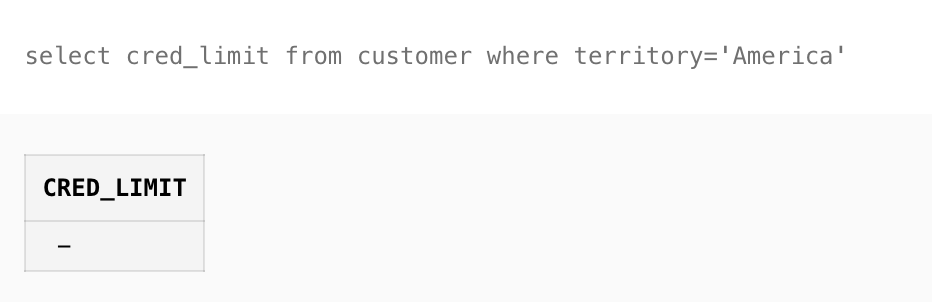
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4. Display credit limit attribute for America

**Query:**

select cred\_limit from customer where territory='America'

**Output:**

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6. Show all data in the territory Italy

**Query:**

select \* from customer where territory='Italy'

**Output:**

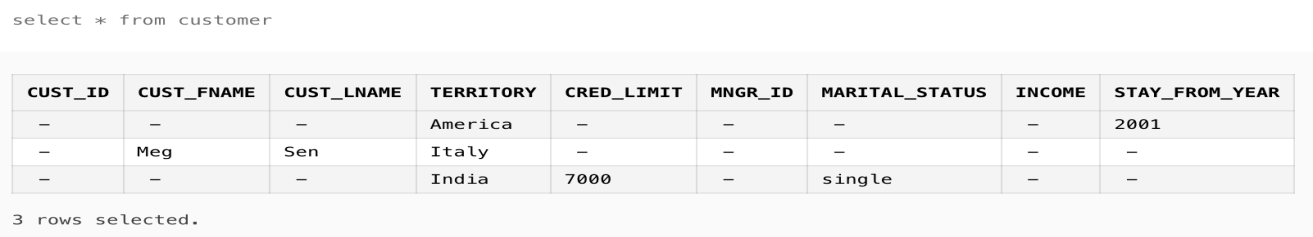
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7. If territory is India and status is Single set value of credit to 7000.

**Query:**

update customer set cred\_limit=7000 where territory='India' and marital\_status='single'

**Output:**

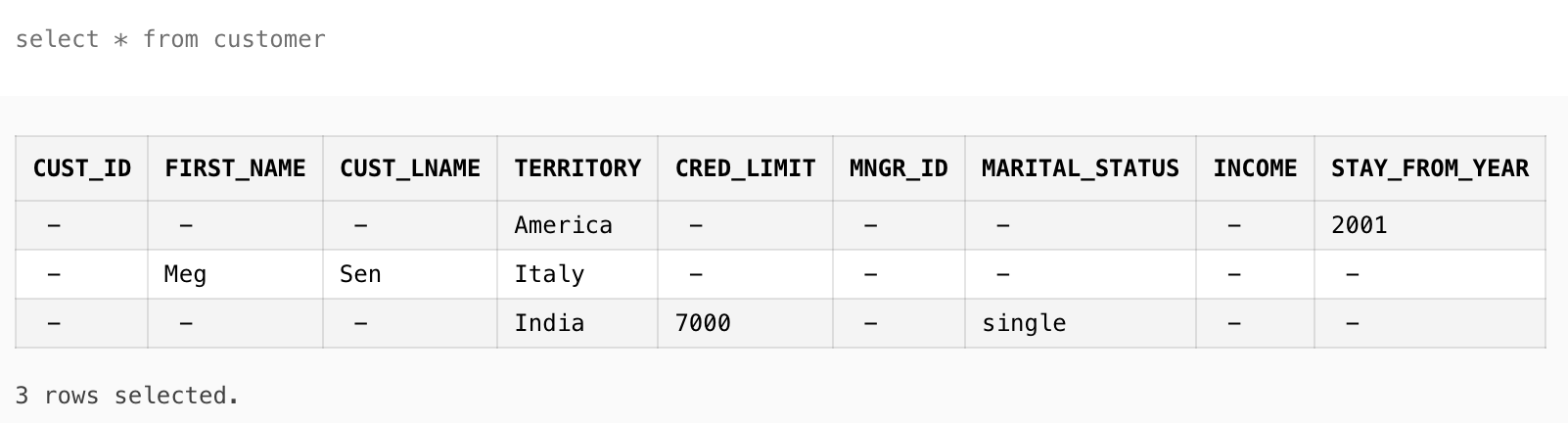


8. Rename cust\_fname to first\_name

**Query:**

ALTER TABLE customer RENAME COLUMN cust\_fname TO first\_name

**Output:**

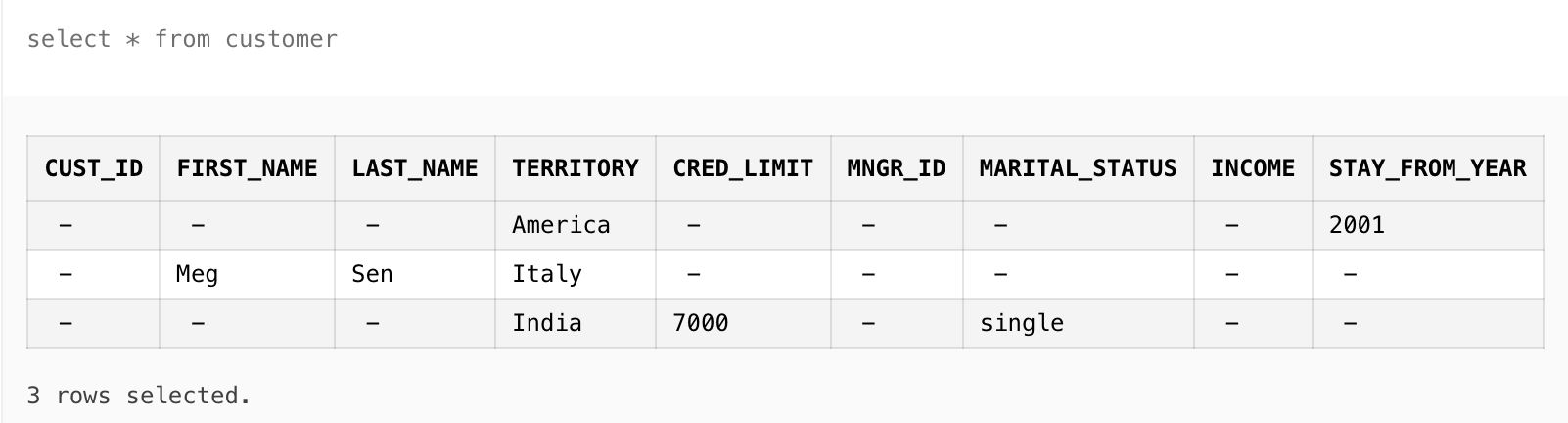
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9. Rename cust\_lname to last\_name

**Query:**

ALTER TABLE customer RENAME COLUMN cust\_lname TO last\_name

**Output:**

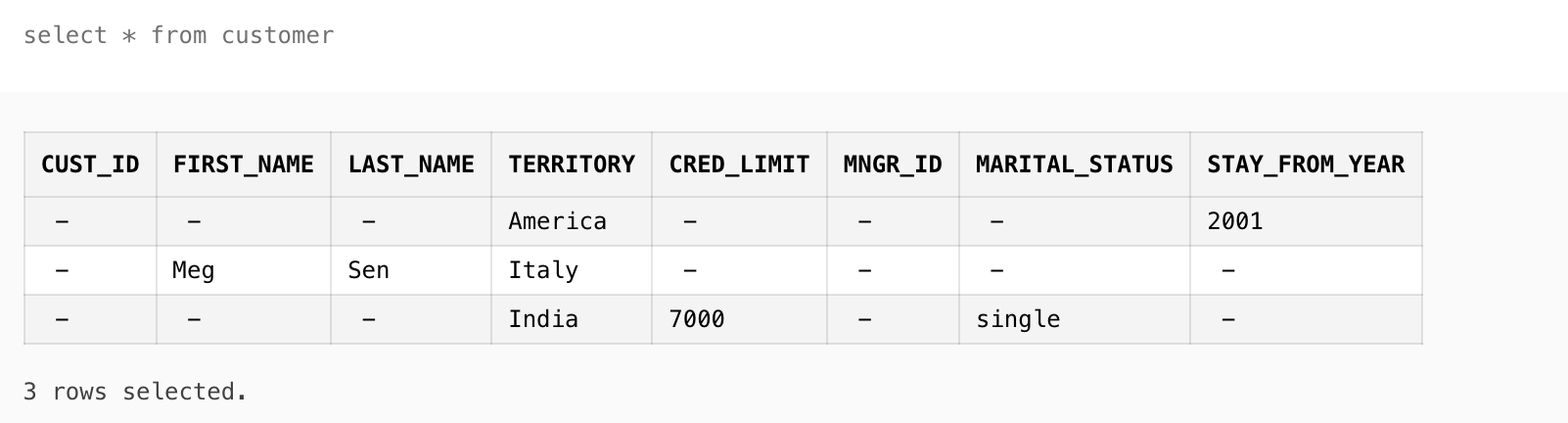
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10. Drop column income from customer.

**Query:**

ALTER TABLE customer DROP COLUMN income

**Output:**

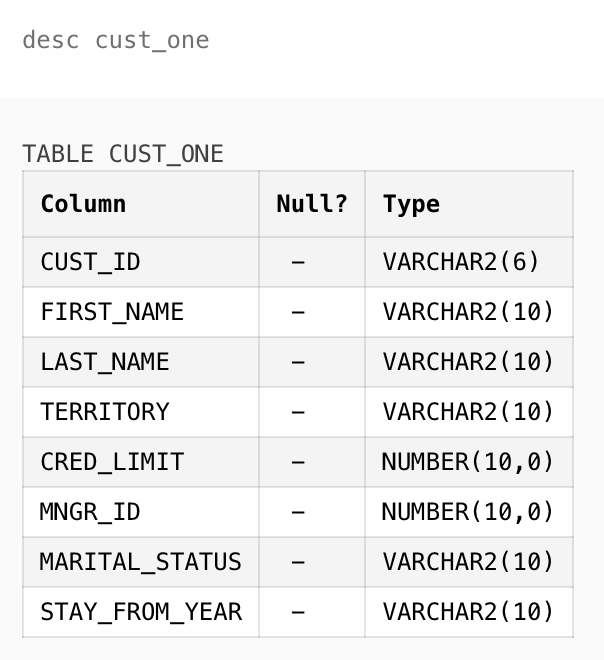
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11. Rename table customer to cust\_one

**Query:**

RENAME customers To cust\_one

**Output:**

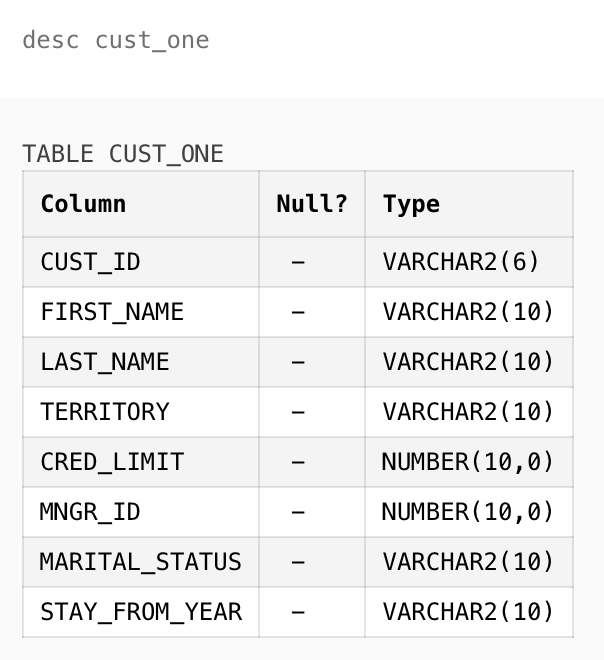
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12. alter the table **customer** change cust id to varchar2(6) .

**Query:**

ALTER TABLE cust\_one MODIFY cust\_id varchar2(6)

**Output:**

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13. Add new attribute mngr\_name to **customer** and insert 2 records

**Query:**

ALTER TABLE cust\_one ADD mngr\_name varchar2(10);

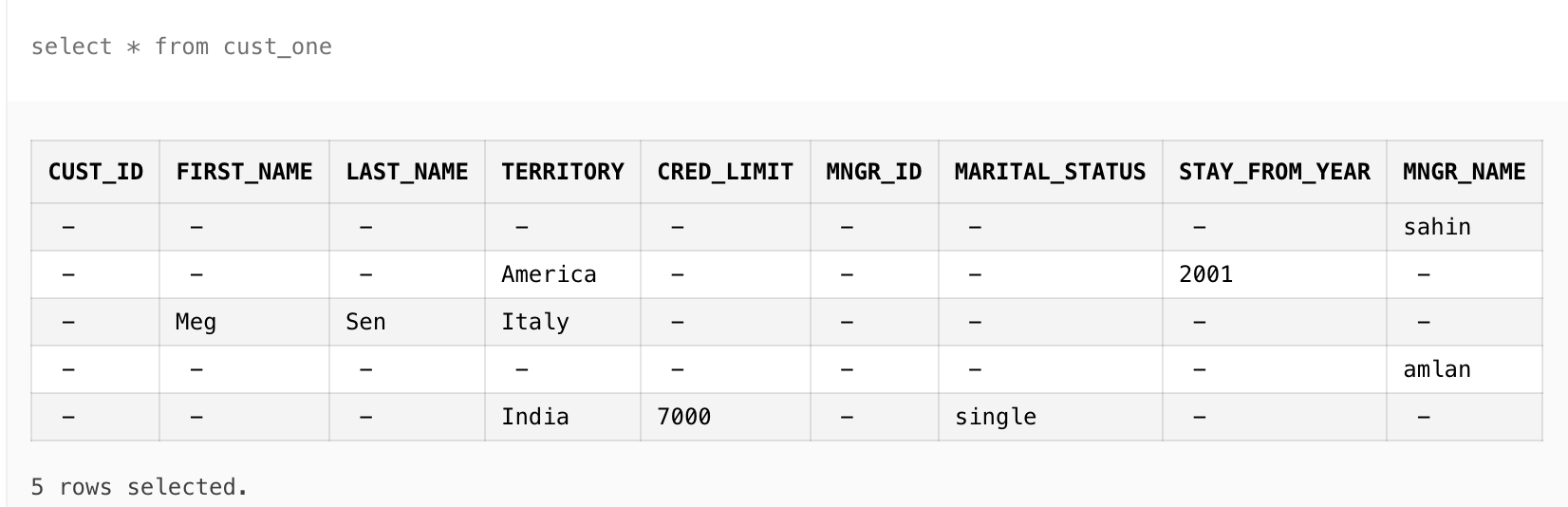
insert into

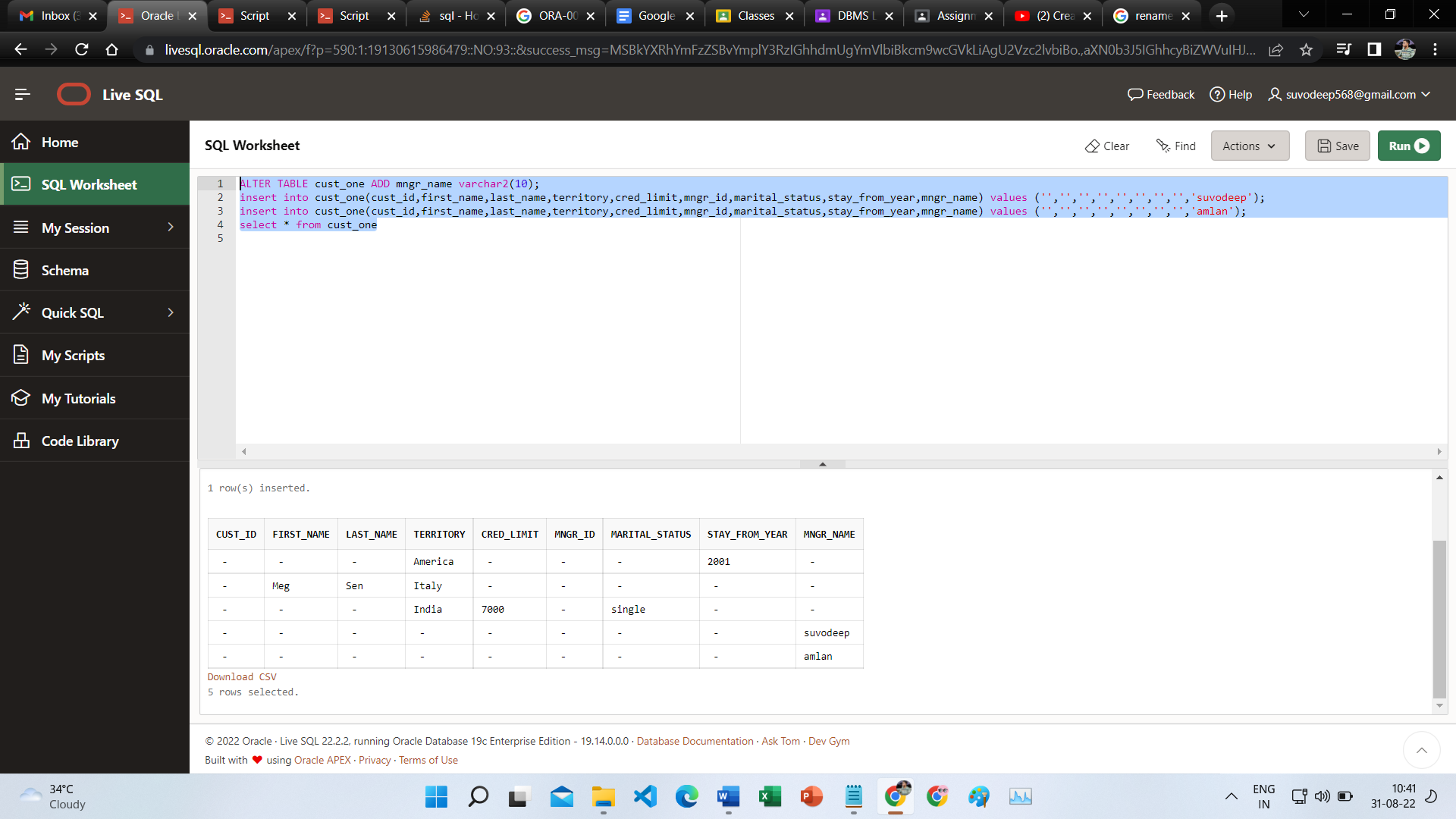
cust\_one(cust\_id,first\_name,last\_name,territory,cred\_limit,mngr\_id,marital\_status,stay\_from\_year,mngr\_name) values ('','','','','','','','','suvodeep');

insert into cust\_one(cust\_id,first\_name,last\_name,territory,cred\_limit,mngr\_id,marital\_status,stay\_from\_year,mngr\_name) values ('','','','','','','','','amlan');

select \* from cust\_one

**Output:**

****

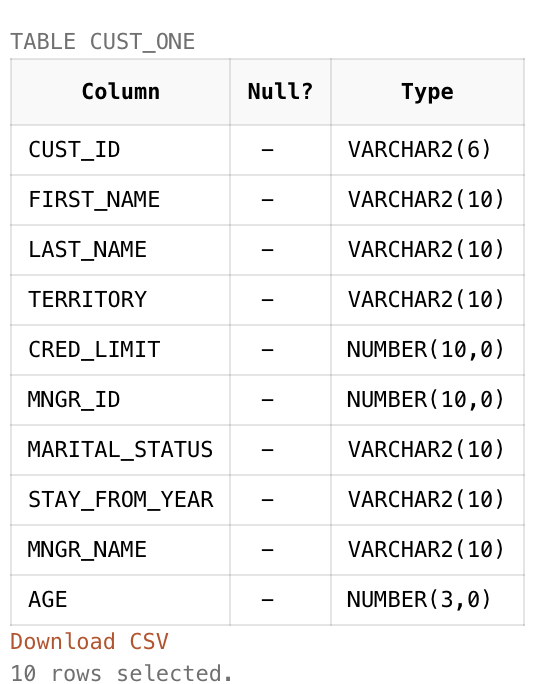


14. Add attribute age to **customer**

**Query:**

alter table cust\_one add age number(3)

**Output:**

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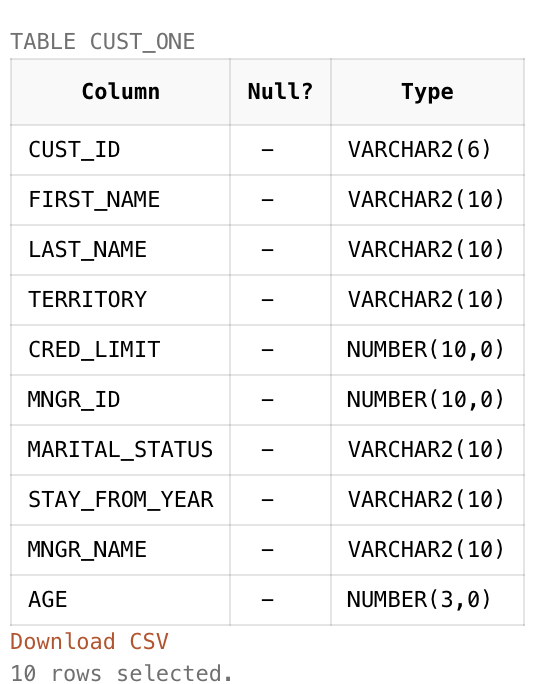
15. Drop table customer and then bring it back.

**Query:**

drop table cust\_one

flashback table cust\_one to before drop

**Output:**

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5. Delete the record corresponding to Meg Sen

**Query:**

DELETE FROM cust\_one WHERE first\_name='Meg' and last\_name='Sen'

Output:

