

DBMS Practical

DBMS Practical-Cursor
Name-Jadhav Anurag Sanjay
Roll NO-13171
Div-A

Program:-

```
declare
    cursor cu1 is select cusID,Name from Data1;
    cursor cu2 is select cusID from Data2;
    cusno int;
    nm varchar(20);
    cusno2 int;
begin
    open cu1;
    open cu2;
    loop
        fetch cu1 into cusno,nm;
        fetch cu2 into cusno2;
        exit
        when cu1%found = false;
        if cusno <> cusno2 then
            insert into Data1 values(cusno,nm);
        end if;
    end loop;
    close cu1;
    close cu2;
end;
/
```

Output:

```
SQL> DESC DATA1;
```

Name	Null?	Type
CUSID		NUMBER(38)
NAME		VARCHAR2(20)

```
SQL> DESC DATA2;
```

Name	Null?	Type
CUSID		NUMBER(38)
NAME		VARCHAR2(20)

```
SQL> INSERT INTO DATA1(CUSID, NAME) VALUES (101, 'Rohan');
```

```
1 row created.
```

```
SQL> INSERT INTO DATA1(CUSID, NAME) VALUES (102, 'Anurag');
```

```
1 row created.
```

```
SQL> INSERT INTO DATA1(CUSID, NAME) VALUES (103, 'Pranav');
```

```
1 row created.
```

```
SQL> INSERT INTO DATA1(CUSID, NAME) VALUES (104, 'Ishwar');
```

```
1 row created.
```

```
SQL> INSERT INTO DATA2(CUSID, NAME) VALUES (101, 'Rohan');
```

```
1 row created.
```

```
SQL> INSERT INTO DATA2(CUSID, NAME) VALUES (102, 'Anurag');
```

```
1 row created.
```

```
SQL> INSERT INTO DATA2(CUSID, NAME) VALUES (102, 'Anurag');
```

```
1 row created.
```

```
SQL> INSERT INTO DATA3(CUSID, NAME) VALUES (103, 'Pranav');
```

```
INSERT INTO DATA3(CUSID, NAME) VALUES (103, 'Pranav')
```

```
*
```

```
ERROR at line 1:
```

```
ORA-00942: table or view does not exist
```

```
SQL> INSERT INTO DATA2(CUSID, NAME) VALUES (103, 'Pranav');
```

```
1 row created.
```

```
SQL> select * from DATA1;
```

```
CUSID NAME
```

```
-----  
101 Rohan  
102 Anurag  
103 Pranav  
104 Ishwar
```

```
SQL> select * from DATA2;
```

```
CUSID NAME
```

```
-----  
101 Rohan  
102 Anurag  
102 Anurag  
103 Pranav
```

```
SQL> set serveroutput on;
```

```
SQL> @ CURSOR_PRAC.SQL;
```

```
PL/SQL procedure successfully completed.
```

```
SQL> select * from DATA2;
```

CUSID NAME

101 Rohan

102 Anurag

103 Pranav