

Assignment -02

Thursday, January 20, 2022 6:51 PM

ID	FNAME	LNAME	AGE	GENDER	LOC
1	Raj	Kumar	23	M	IND
2	Ajay	Panda	26	M	AUS
3	Sivam	Prasad	22	M	ENG
4	Pinky	Singh	26	F	AUS
5	Rahul	Kumar	24	M	BAN
6	Aditya	Das	29	M	IND
7	Avik	Das	28	M	IND
8	Shital	Jena	23	F	ENG
9	Soham	Tiwari	26	M	NZ

1. Create a table Customer with following attributes:
Customer ID, First name, Last name, age of customer, gender of customer and present address of customer.
2. Display the structure of the created customer table.
3. Insert the following values in the table.
4. Retrieve and display the customer table with all values of attributes.
5. Retrieve and display all customer names.
6. Display the gender of all customers.
7. Fetch the unique addresses from customer table.
8. Display the current age and the age of customers after 2 years.
9. Combine the first and last name of customers and display it.
10. Retrieve the IDs of customer who lives in IND.
11. Display the customer details whose age is more than 25 years.
12. Display the IDs of customer who don't live in ENG.
13. Display the customer IDs and gender who either lives in AUS or age is 26.
14. Fetch all customer details whose name end with 'Das'.
15. List all customer IDs whose name starts with 'S'.
16. List out the customer age whose first name has 'i' as the 3rd letter.
17. Retrieve the customer details whose age is between 24 years to 28 years.
18. List out the customer address whose name has a 'n' alphabet in it.

Q1.

```
SQL> create table cust20051136(
  2 CustID number(10),
  3 Fname varchar2(20),
  4 Lname varchar2(20),
  5 Age number(3),
  6 Gender char(1),
  7 LOC varchar2(10)
  8 );
```

Table created.

Q2.

```
SQL> desc cust20051136;
Name                           Null?    Type
-----                         -----
CUSTID                        NUMBER(10)
FNAME                         VARCHAR2(20)
LNAME                         VARCHAR2(20)
AGE                           NUMBER(3)
GENDER                        CHAR(1)
LOC                           VARCHAR2(10)
```

Q3.

```
SQL> insert into cust20051136 values (1, 'Raj', 'Kumar', 23, 'M', 'IND');

1 row created.

SQL> insert into cust20051136 values (2, 'Ajay', 'Panda', 26, 'M', 'AUS');

1 row created.

SQL> insert into cust20051136 values (3, 'Sivam', 'Prasad', 22, 'M', 'ENG');

1 row created.

SQL> insert into cust20051136 values (4, 'Pinky', 'Singh', 26, 'F', 'AUS');

1 row created.

SQL> insert into cust20051136 values (5, 'Rahul', 'Kumar', 24, 'M', 'BAN');

1 row created.

SQL>
SQL> insert into cust20051136 values (6, 'Aditya', 'Das', 29, 'M', 'IND');

1 row created.

SQL> insert into cust20051136 values (7, 'Avik', 'Das', 28, 'M', 'IND');

1 row created.

SQL> insert into cust20051136 values (8, 'Shital', 'Jena', 23, 'F', 'ENG');

1 row created.

SQL> insert into cust20051136 values (9, 'Soham', 'Tiwari', 26, 'M', 'NZ');

1 row created.
```

Q4.

```
SQL> select * from cust20051136;
```

CUSTID	FNAME	LNAME	AGE	G	LOC
1	Raj	Kumar	23	M	IND
2	Ajay	Panda	26	M	AUS
3	Sivam	Prasad	22	M	ENG
4	Pinky	Singh	26	F	AUS
5	Rahul	Kumar	24	M	BAN
6	Aditya	Das	29	M	IND
7	Avik	Das	28	M	IND
8	Shital	Jena	23	F	ENG
9	Soham	Tiwari	26	M	NZ

9 rows selected.

Q5.

```
SQL> select FNAME, LNAME from cust20051136;
```

FNAME	LNAME
Raj	Kumar
Ajay	Panda
Sivam	Prasad
Pinky	Singh
Rahul	Kumar
Aditya	Das
Avik	Das
Shital	Jena
Soham	Tiwari

```
9 rows selected.
```

Q6.

```
SQL> select FNAME, LNAME, GENDER from cust20051136;
```

FNAME	LNAME	G
Raj	Kumar	M
Ajay	Panda	M
Sivam	Prasad	M
Pinky	Singh	F
Rahul	Kumar	M
Aditya	Das	M
Avik	Das	M
Shital	Jena	F
Soham	Tiwari	M

```
9 rows selected.
```

Q7.

```
SQL> select distinct LOC from cust20051136;
```

LOC
AUS
NZ
ENG
IND
BAN

Q8.

```
SQL> select AGE, AGE+2 "NewAge" from cust20051136;
```

AGE	NewAge
23	25
26	28
22	24
26	28
24	26
29	31
28	30
23	25
26	28

```
9 rows selected.
```

Q9.

```
SQL> select FNAME || ' ' || LNAME from cust20051136;
```

FNAME ' ' LNAME
Raj Kumar
Ajay Panda
Sivam Prasad
Pinky Singh
Rahul Kumar
Aditya Das
Avik Das
Shital Jena
Soham Tiwari

Q10.

```
SQL> select custID from cust20051136 where LOC='IND';
```

CUSTID
1
6
7

Q11.

```
SQL> select * from cust20051136 where AGE>25;
```

CUSTID	FNAME	LNAME	AGE	G	LOC
2	Ajay	Panda	26	M	AUS
4	Pinky	Singh	26	F	AUS
6	Aditya	Das	29	M	IND
7	Avik	Das	28	M	IND
9	Soham	Tiwari	26	M	NZ

Q12.

```
SQL> select custID from cust20051136 where LOC!= 'ENG';
      CUSTID
-----
      1
      2
      4
      5
      6
      7
      9

7 rows selected.
```

Q13.

```
SQL> select custID,GENDER from cust20051136 where LOC='AUS' OR AGE=26;
      CUSTID G
-----
      - -
      2 M
      4 F
      9 M
```

Q14

```
SQL> select * from cust20051136 where Lname='Das';

      CUSTID FNAME          LNAME        AGE G LOC
-----  -----
      6 Aditya            Das          29 M IND
      7 Avik              Das          28 M IND
```

Q15.

```
SQL> select custID from cust20051136 where Fname like 'S%';
      CUSTID
-----
      3
      8
      9
```

Q16.

```
SQL> select AGE from cust20051136 where Fname like '_i%';

      AGE
-----
      29
      28
      23
```

Q17.

```
SQL> select * from cust20051136 where AGE between 24 and 28;
```

CUSTID	FNAME	LNAME	AGE	G	LOC
2	Ajay	Panda	26	M	AUS
4	Pinky	Singh	26	F	AUS
5	Rahul	Kumar	24	M	BAN
7	Avik	Das	28	M	IND
9	Soham	Tiwari	26	M	NZ

Q18.

```
SQL> select LOC  from cust20051136 where Fname like '%n%';
```

```
LOC
-----
AUS
```