# Practical 6 DBMS

# Output:

## 1) IS Null

```
mysql> SELECT CustomerName, ContactName, Address
    -> FROM Customers
    -> WHERE Address IS NOT NULL
    -> LIMIT 20;
```

| CustomerName | ContactName | Address |
|---|---|---|
| Alfreds Futterkiste | Maria Anders | Obere Str. 57 |
| Ana Trujillo Emparedados y helados | Ana Trujillo | Avda. de la Constitución 2222 |
| Antonio Moreno Taquería | Antonio Moreno | Mataderos 2312 |
| Around the Horn | Thomas Hardy | 120 Hanover Sq. |
| Berglunds snabbköp | Christina Berglund | Berguvsvägen 8 |
| Blauer See Delikatessen | Hanna Moos | Forsterstr. 57 |
| Blondel père et fils | Frédérique Citeaux | 24, place Kléber |
| Bólido Comidas preparadas | Martín Sommer | C/ Araquil, 67 |
| Bon app' | Laurence Lebihans | 12, rue des Bouchers |
| Bottom-Dollar Marketse | Elizabeth Lincoln | 23 Tsawassen Blvd. |
| B's Beverages | Victoria Ashworth | Fauntleroy Circus |
| Cactus Comidas para llevar | Patricio Simpson | Cerrito 333 |
| Centro comercial Moctezuma | Francisco Chang | Sierras de Granada 9993 |
| Chop-suey Chinese | Yang Wang | Hauptstr. 29 |
| Comércio Mineiro | Pedro Afonso | Av. dos Lusíadas, 23 |
| Consolidated Holdings | Elizabeth Brown | Berkeley Gardens 12 Brewery |
| Drachenblut Delikatessend | Sven Ottlieb | Walserweg 21 |
| Du monde entier | Janine Labrune | 67, rue des Cinquante Otages |
| Eastern Connection | Ann Devon | 35 King George |
| Ernst Handel | Roland Mendel | Kirchgasse 6 |

```
20 rows in set (0.00 sec)
```

```
mysql> SELECT CustomerName, ContactName, Address
    -> FROM Customers
    -> WHERE Address IS NULL;
Empty set (0.00 sec)
```

## 2) Check Function

```
mysql> CREATE TABLE Persons1 (
    ->    ID int NOT NULL,
    ->    LastName varchar(255) NOT NULL,
    ->    FirstName varchar(255),
    ->    Age int,
    ->    CHECK (Age>=18)
    -> );
Query OK, 0 rows affected (0.36 sec)
```

```
mysql> ALTER TABLE test ADD CHECK (age>=20);
Query OK, 0 rows affected (0.04 sec)
Records: 0  Duplicates: 0  Warnings: 0
```

## 3) Auto Increment

```
mysql> CREATE TABLE Persons (
    ->    Personid int NOT NULL AUTO_INCREMENT,
    ->    LastName varchar(255) NOT NULL,
    ->    FirstName varchar(255),
    ->    Age int,
    ->    PRIMARY KEY (Personid)
    -> );
Query OK, 0 rows affected (0.38 sec)
```

```
mysql> ALTER TABLE Persons AUTO_INCREMENT=100;
Query OK, 0 rows affected (0.05 sec)
Records: 0  Duplicates: 0  Warnings: 0




mysql> INSERT INTO Persons (FirstName,LastName)
    -> VALUES ('Aditya','Mahajan');
Query OK, 1 row affected (0.07 sec)

mysql> SELECT * FROM Persons;
+----------+----------+-----------+------+
| Personid | LastName | FirstName | Age  |
+----------+----------+-----------+------+
|      100 | Mahajan  | Aditya    | NULL |
+----------+----------+-----------+------+
1 row in set (0.00 sec)
```