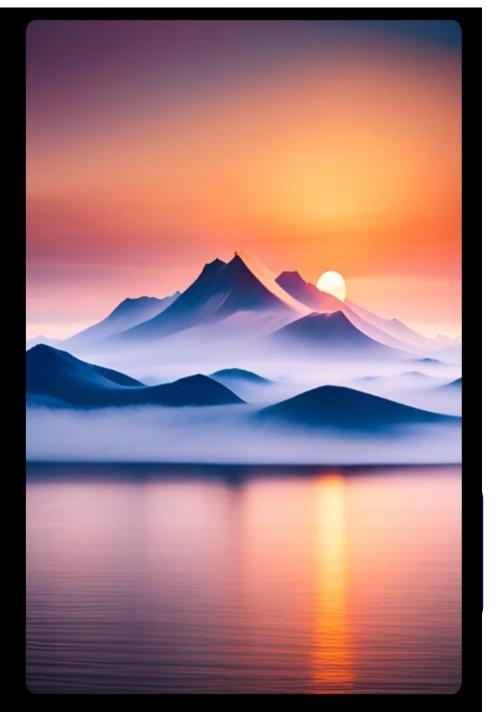
Lecture (10) "Introduction to Data Base"

Presented by: Dr. Nehal El Azaly
Dr. Dina Abdel hafez

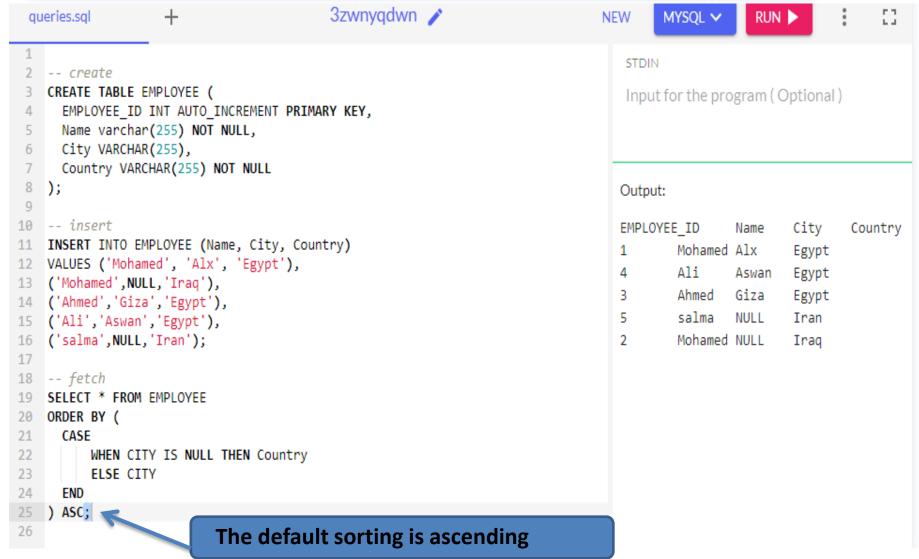
Introduction to SQL for Beginners



SQL CASE Keyword in (Order by)

```
3zwnygdwn 🧪
 queries.sql
                                                                              NEW
                                                                                       MYSQL V
                                                                                                   RUN >
                                                                                  STDIN
   -- create
   CREATE TABLE EMPLOYEE (
                                                                                  Input for the program (Optional)
     EMPLOYEE ID INT AUTO INCREMENT PRIMARY KEY,
     Name varchar(255) NOT NULL,
     City VARCHAR(255),
     Country VARCHAR(255) NOT NULL
 8
                                                                                 Output:
 9
   -- insert
                                                                                 EMPLOYEE ID
                                                                                                        City
                                                                                                                Country
                                                                                                Name
   INSERT INTO EMPLOYEE (Name, City, Country)
                                                                                        Mohamed Alx
                                                                                                        Egypt
   VALUES ('Mohamed', 'Alx', 'Egypt'),
                                                                                         Ali
                                                                                                        Egypt
                                                                                                Aswan
13 ('Mohamed', NULL, 'Iraq'),
                                                                                        Ahmed
                                                                                                Giza
                                                                                                        Egypt
14 ('Ahmed', 'Giza', 'Egypt'),
                                                                                         salma
                                                                                                NULL
                                                                                                        Iran
15 ('Ali', 'Aswan', 'Egypt'),
    ('salma', NULL, 'Iran');
                                                                                        Mohamed NULL
                                                                                                        Iraq
17
  -- fetch
    SELECT * FROM EMPLOYEE
   ORDER BY (
                                                 The condition is applied by
     CASE
                                                 case, when And Else
         WHEN CITY IS NULL THEN Country
22
         ELSE CITY
23
24
     END
25
                                             The default sorting is ascending
26
```

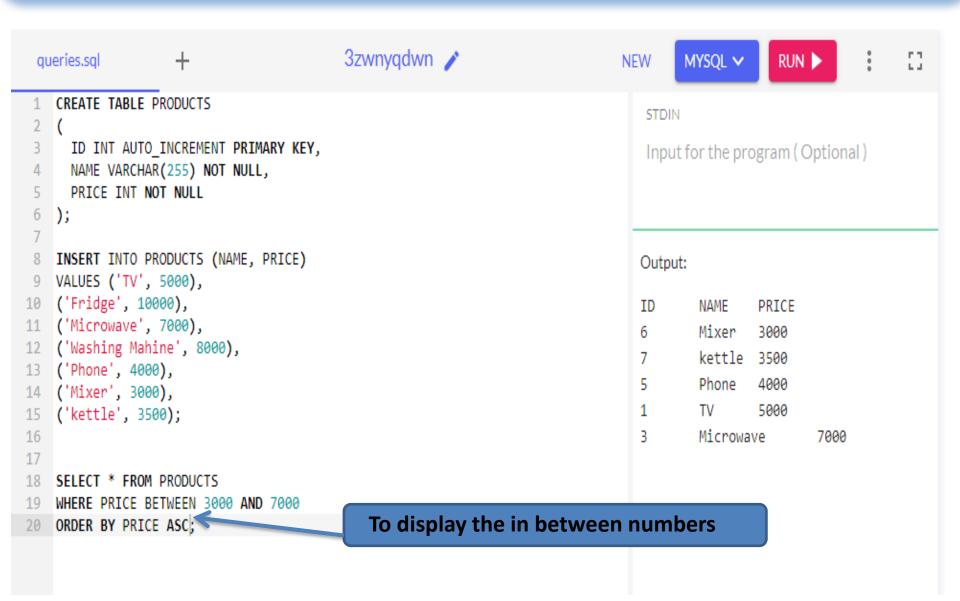
SQL CASE Keyword in (Order by)



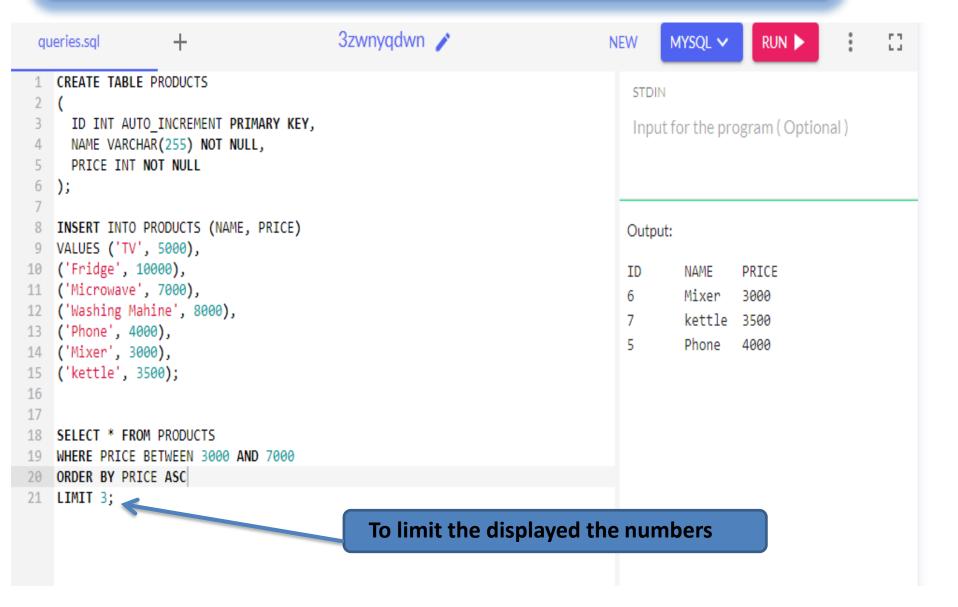
SQL CASE Keyword in (Order by)

```
3zwnygdwn 🥕
 queries.sql
                    +
                                                                                         MYSQL V
                                                                                                      RUN >
                                                                                 NEW
                                                                                    STDIN
2 -- create
  CREATE TABLE EMPLOYEE (
                                                                                    Input for the program (Optional)
     EMPLOYEE ID INT AUTO INCREMENT PRIMARY KEY,
     Name varchar(255) NOT NULL,
     City VARCHAR(255),
     Country VARCHAR(255) NOT NULL
 8
                                                                                   Output:
9
   -- insert
                                                                                                           City
                                                                                   EMPLOYEE ID
                                                                                                   Name
                                                                                                                   Country
   INSERT INTO EMPLOYEE (Name, City, Country)
                                                                                           Mohamed NULL
                                                                                                           Iraq
12 VALUES ('Mohamed', 'Alx', 'Egypt'),
                                                                                           salma
                                                                                                   NULL
                                                                                                           Iran
13 ('Mohamed', NULL, 'Iraq'),
                                                                                           Ahmed
                                                                                                   Giza
                                                                                                           Egypt
14 ('Ahmed', 'Giza', 'Egypt'),
                                                                                           Ali
                                                                                                   Aswan
                                                                                                           Egypt
15 ('Ali', 'Aswan', 'Egypt'),
   ('salma', NULL, 'Iran');
                                                                                           Mohamed Alx
                                                                                                           Egypt
17
18 -- fetch
19 SELECT * FROM EMPLOYEE
   ORDER BY (
     CASE
21
22
         WHEN CITY IS NULL THEN Country
23
         ELSE CITY
24
      END
   ) DESC;
```

SQL Between Keyword in Where clause



SQL limit Keyword



TRUNCATE TABLE

The TRUNCATE TABLE command deletes the data inside a table, but not the table itself.



