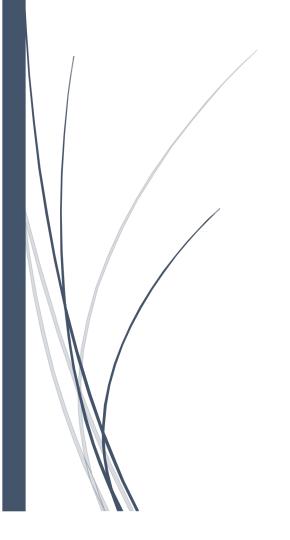# LIKE AND OPERATORS

NAME:PRASANNA REDDY MANDHALA

ANUDIP ID:AF0400804

BATCH:ANP-C7970

A

1.write a query to display the instructor's last name whose mail ID starts with 'b' from the instructor table.

QUERY:

SELECT Lastname FROM

instructor WHERE email

LIKE 'b%';

```
mysql> SELECT Lastname
    -> FROM instructor
    -> WHERE email LIKE 'b%';
+----------+
| Lastname |
+----------+
| Brown    |
+----------+
1 row in set (0.00 sec)
```

2. write a query to display the details of the student whose first name ends with the vowels from the student table.

SELECT *

FROM student

WHERE firstname LIKE '%a'

  OR firstname LIKE '%e'

  OR firstname LIKE '%i'

  OR firstname LIKE '%o'

  OR firstname LIKE '%u';

```
mysql> SELECT *
    -> FROM student
    -> WHERE firstname  LIKE '%A'
    ->    or firstname  LIKE '%E'
    ->    or firstname  LIKE '%I'
    ->    or firstname  LIKE '%O'
    ->    or firstname  LIKE '%U';
+-----------+-----------+----------+-------------+--------+--------------------------+--------------+
| studentID | FirstName | LastName | DateOfBirth | Gender | Email                    | Phone        |
+-----------+-----------+----------+-------------+--------+--------------------------+--------------+
|         2 | satya     | mahesh   | 2005-02-02  | Male   | satya_mahesh@example.com | 234-567-8901 |
|         4 | jhansi    | varanasi | 2003-04-04  | Female | bob.brown@example.com    | 456-789-0123 |
|         5 | Satya     | varanasi | 2001-05-05  | Female | carol.white@example.com  | 567-890-1234 |
+-----------+-----------+----------+-------------+--------+--------------------------+--------------+
3 rows in set (0.00 sec)
```

3. write a query to display the details of the student whose first name contains the vowels from the student table.

SELECT *

FROM student

WHERE firstname LIKE '%a%'

    OR firstname LIKE '%e%'

    OR firstname LIKE '%i%'

    OR firstname LIKE '%o%'

    OR firstname LIKE '%u%';

```
mysql> SELECT *
    -> FROM student
    -> WHERE firstname LIKE '%a%'
    ->    OR firstname LIKE '%e%'
    ->    OR firstname LIKE '%i%'
    ->    OR firstname LIKE '%o%'
    ->    OR firstname LIKE '%u%';
+-----------+-----------+----------+------------+--------+---------------------------+--------------+
| studentID | FirstName | LastName | DateOfBirth | Gender | Email                     | Phone        |
+-----------+-----------+----------+------------+--------+---------------------------+--------------+
|         1 | jagadeesh | kola     | 2004-01-01 | Male   | john.doe@example.com      | 123-456-7890 |
|         2 | satya     | mahesh   | 2005-02-02 | Male   | satya_mahesh@example.com  | 234-567-8901 |
|         4 | jhansi    | varanasi | 2003-04-04 | Female | bob.brown@example.com     | 456-789-0123 |
|         5 | Satya     | varanasi | 2001-05-05 | Female | carol.white@example.com   | 567-890-1234 |
+-----------+-----------+----------+------------+--------+---------------------------+--------------+
4 rows in set (0.00 sec)
```

4.write a query to display the details of the student whose last name ends with the other than vowels from the student table.

SELECT *

FROM student

WHERE lastname not LIKE '%A'

  and lastname not LIKE '%E'

  and lastname not LIKE '%I'

  and lastname not LIKE '%O'

  and lastname not LIKE '%U';

```
mysql> SELECT *
    -> FROM student
    -> WHERE lastname  not LIKE '%A'
    ->    and lastname  not LIKE '%E'
    ->    and lastname  not LIKE '%I'
    ->    and lastname  not LIKE '%O'
    ->    and lastname  not LIKE '%U';
+-----------+-----------+----------+------------+--------+--------------------------+--------------+
| studentID | FirstName | LastName | DateOfBirth | Gender | Email                    | Phone        |
+-----------+-----------+----------+------------+--------+--------------------------+--------------+
|         2 | satya     | mahesh   | 2005-02-02 | Male   | satya_mahesh@example.com | 234-567-8901 |
+-----------+-----------+----------+------------+--------+--------------------------+--------------+
1 row in set (0.00 sec)
```