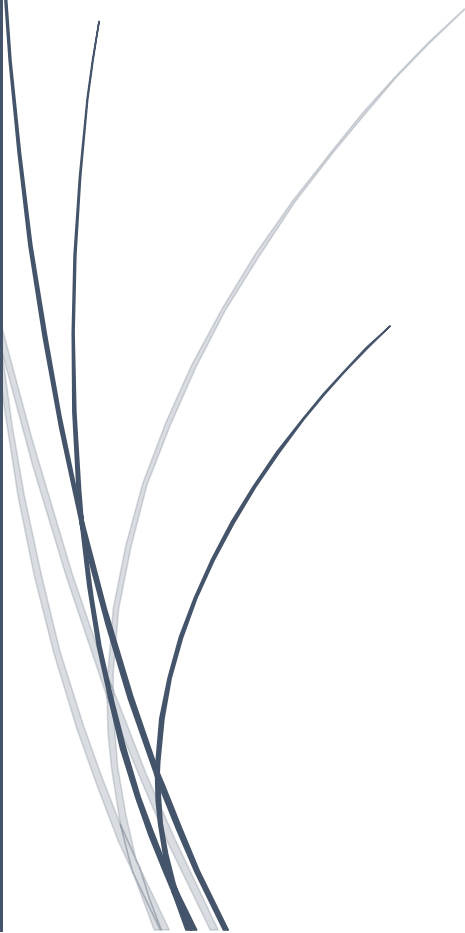


A dark blue vertical bar runs down the left side of the page. A blue arrow points to the right from the bar, containing the date.

7/23/2024

LIKE AND OPERATORS

Several thin, curved lines in dark blue and light grey originate from the bottom left and sweep upwards and to the right.

SATYA KUMARI VARANASI
AF0404262

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)
```