

```
create database demo
use demo
```

```
DROP TABLE STUDENT
```

```
CREATE TABLE STUDENT (
STUID INT,
FIRSTNAME VARCHAR(25),
LASTNAME VARCHAR(25),
WEBSITE VARCHAR(50),
CITY VARCHAR(25)
);
```

```
INSERT INTO STUDENT VALUES(1011, 'KEYUR', 'PATEL', 'ECHONTHENET.COM', 'RAJKOT');
INSERT INTO STUDENT VALUES(1022, 'HARDIK', 'SHAH', 'DIGMINECRAFT.COM', 'AHMEDABAD');
INSERT INTO STUDENT VALUES(1033, 'KAJAL', 'TRIVEDI', 'BIGACTIVITIES.COM', 'BARODA');
INSERT INTO STUDENT VALUES(1044, 'BHOOMI', 'GAJERA', 'CHECKYOURMATH.COM', 'AHMEDABAD');
INSERT INTO STUDENT VALUES(1055, 'HARMIT', 'MITEL', NULL, 'RAJKOT');
INSERT INTO STUDENT VALUES(1066, 'ASHOK', 'JANI', NULL, 'BARODA');
```

```
SELECT * FROM STUDENT
```

```
-- starts with
```

```
--NAME STARTS WITH 'H'
```

```
SELECT FIRSTNAME FROM STUDENT
WHERE FIRSTNAME LIKE 'H%'
```

```
--NAME STARTS WITH 'A'
```

```
SELECT FIRSTNAME FROM STUDENT
WHERE FIRSTNAME LIKE 'A%'
```

```
--NAME STARTS WITH 'T'
```

```
SELECT * FROM STUDENT
WHERE LASTNAME LIKE 't%'
```

```
--ENDS WITH
```

```
--NAME ENDS WITH 'K'
```

```
SELECT FIRSTNAME FROM STUDENT
WHERE FIRSTNAME LIKE '%K'
```

```
--LAST NAME ENDS WITH 'L'
```

```
SELECT LASTNAME FROM STUDENT
WHERE LASTNAME LIKE '%L'
```

```
--CITY ENDS WITH 'bad'
```

```
SELECT DISTINCT CITY FROM STUDENT
```

```
WHERE CITY LIKE '%BAD'
```

```
--CONTAINS
```

```
--CONTAINS HA  
SELECT FIRSTNAME FROM STUDENT  
WHERE FIRSTNAME LIKE '%HA%'
```

```
--FIRST NAME CONTAINS R  
SELECT FIRSTNAME FROM STUDENT  
WHERE FIRSTNAME LIKE '%R%'
```

```
--WEBSITE CONTAINS .COM  
SELECT WEBSITE FROM STUDENT  
WHERE WEBSITE LIKE '%.COM%'
```

```
---POSITIONS AND LENGTH
```

```
--FIRST NAME OF LENGTH 5  
SELECT FIRSTNAME  
FROM STUDENT  
WHERE FIRSTNAME LIKE '_____'
```

```
--START WITH 'K' AND HAVING 5 LETTER  
SELECT FIRSTNAME  
FROM STUDENT  
WHERE FIRSTNAME LIKE 'K_____'
```

```
---SECOND CHAR IS 'A'  
SELECT FIRSTNAME  
FROM STUDENT  
WHERE FIRSTNAME LIKE '_A%'
```

```
--SECOND CHAR 'A' AND LAST CHAR 'L'  
SELECT FIRSTNAME  
FROM STUDENT  
WHERE FIRSTNAME LIKE '_A%L'
```

```
--LENGTH 6 AND LAST CHAR 'I'  
SELECT FIRSTNAME  
FROM STUDENT  
WHERE FIRSTNAME LIKE '_____I'
```

```
--NAME STARTS WITH EITHER 'A', 'B', OR 'C'  
SELECT FIRSTNAME  
FROM STUDENT  
WHERE FIRSTNAME LIKE '[A,B,C]%'
```

```
SELECT FIRSTNAME
FROM STUDENT
WHERE FIRSTNAME LIKE 'A%'
OR FIRSTNAME LIKE 'B%'
OR FIRSTNAME LIKE 'C%'
```

--NAME STARTS WITH A TO Z

```
SELECT FIRSTNAME
FROM STUDENT
WHERE FIRSTNAME LIKE '[A-H]%'
```

--CONTAINS VOWEL IN THEIR NAME

```
SELECT FIRSTNAME
FROM STUDENT
WHERE FIRSTNAME LIKE '%[A,E,I,O,U]%'
```

--SECOND CHAR VOWEL

```
SELECT FIRSTNAME
FROM STUDENT
WHERE FIRSTNAME LIKE '_[A,E,I,O,U]%'
```

--NAME CONTAINS 'AR'

```
SELECT FIRSTNAME
FROM STUDENT
WHERE FIRSTNAME LIKE '%AR%'
```

--STARTS WITH 'H' AND ENS WITH 'T'

```
SELECT FIRSTNAME
FROM STUDENT
WHERE FIRSTNAME LIKE 'H%T'
```

```
SELECT * FROM STUDENT
--WITH AND
```

--FAIRST NAME STARTS WITH 'K' AND LAST NAME ENDS WITH 'L'

```
SELECT FIRSTNAME, LASTNAME
FROM STUDENT
WHERE FIRSTNAME LIKE 'K%'
AND
LASTNAME LIKE '%L'
```

```
---not like  
SELECT FIRSTNAME  
FROM STUDENT  
WHERE  
FIRSTNAME NOT LIKE 'K%'
```