SQL CONCEPTS

PATTERN MATCHIG USING LIKE OPERATOR IN SQL

```
CREATE TABLE COUNTRIES
(
COUNTRY_ID INT,
COUNTRY_NAME VARCHAR (40)
);

INSERT INTO COUNTRIES VALUES (1, 'UNITED STATES'),
(2,'INDIA'),
(3,'RUSSIA'),
(4,'CHINA'),
(5,'GERMANY'),
(6,'UNITED KINGDOM'),
(7,'FRANCE');

SELECT * FROM COUNTRIES;


/*-----FIND COUNTRIES NAME STARTING WITH 'U' ------*/

SELECT COUNTRY_NAME FROM COUNTRIES WHERE
COUNTRY_NAME LIKE 'U%';


/*---FIND COUNTRIES NAME ENDING WITH 'A'--------*/
SELECT COUNTRY_NAME FROM COUNTRIES WHERE
COUNTRY_NAME LIKE '%A';


/*---FIND COUNTRIES NAME WITH 'S' ANYWHERE --------*/

SELECT COUNTRY_NAME FROM COUNTRIES WHERE
COUNTRY_NAME LIKE '%S%';
```

```
/*---FIND COUNTRIES NAME WITH 'IN' ANYWHERE --------*/

SELECT COUNTRY_NAME FROM COUNTRIES WHERE
COUNTRY_NAME LIKE '%IN%';

/*---FIND COUNTRIES NAME WITH 'N' IN 2ND PLACE--------*/

SELECT COUNTRY_NAME FROM COUNTRIES WHERE
COUNTRY_NAME LIKE '_N%';


/*---FIND COUNTRIES NAME START WITH 'U' AND END
WITH 'M'--------*/

SELECT COUNTRY_NAME FROM COUNTRIES WHERE
COUNTRY_NAME LIKE 'U%M';

/*---FIND COUNTRIES NAME STARTS WITH 'F' & HAS
ATLEAST 4 CHARACTERS IN LENGTH --------*/

SELECT COUNTRY_NAME FROM COUNTRIES WHERE
COUNTRY_NAME LIKE 'F___%';


/*---FIND COUNTRIES NAME THAT DO NOT STARTS WITH
'U'-------------*/

SELECT COUNTRY_NAME FROM COUNTRIES WHERE
COUNTRY_NAME NOT LIKE 'U%';
```