**School Ranking Analysis.**

**Task to be performed:**

* Write a query to create a **students**table with appropriate data types for student id, student first name, student last name, class, and age where the student last name, student first name, and student id should be a **NOT NULL constraint**, and the student id should be in a **primary key**.

CREATE TABLE STUDENTS (

STUDENT\_ID INT NOT NULL PRIMARY KEY,

FIRST\_NAME VARCHAR(25) NOT NULL,

LAST\_NAME VARCHAR(25) NOT NULL,

CLASS VARCHAR(20),

AGE INT

)

;

SELECT \* FROM STUDENTS;

DESC STUDENTS;

* Write a query to create a **marksheet** table that includes score, year, ranking, class, and student id.

CREATE TABLE MARKSHEETS(

SCORE FLOAT,

YEAR INT,

RANKING INT,

CLASS VARCHAR(20),

STUDENT\_ID INT

);

SELECT \* FROM MARKSHEETS;

DESC MARKSHEETS;

* Write a query to **insert** values in **students** and **marksheet** tables**.**

INSERT INTO MARKSHEETS VALUES(

'786','2022','3','18','216'

);

INSERT INTO STUDENTS VALUES(

'12', 'Ashraf','Sayyad','18','35'

);

* Write a query to display student id and student first name from the student table if the **age is greater than or equal to 16** and the **student's last name is** **Kumar.**

SELECT \* FROM STUDENTS

WHERE AGE >= 16

AND LAST\_NAME ='Kumar';

* Write a query to display all the details from the marksheet table **if the score is between 800 and 1000.**

select \* from marksheets

where score between 800 and 1000;

* Write a query to display the marksheet details from the marksheet table by **adding 5 to the score** and by naming the **column** as **new score**.

select score,score+5 as new\_score, year,ranking, class,student\_id from marksheets

;

* Write a query to display the marksheet table in **descending order of the  score**.

select \* from marksheets

order by score desc;

* Write a query to display details of the students whose **first name starts with a.**

select \* from students

where first\_name LIKE 'a%';