# LESSON END PROJECT – MODULE 6

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Problem Statement:

* 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**.
* Write a query to create a **marksheet** table that includes score, year, ranking, class, and student id.
* Write a query to **insert** values in **students** and **marksheet** tables**.**
* 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.**
* Write a query to display all the details from the marksheet table **if the score is 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**.
* Write a query to display the marksheet table in **descending order of the  score**.
* Write a query to display details of the students whose **first name starts with a.**

CODE:

CREATE DATABASE sdb2;

use sdb2;

create table stud\_table(

student\_id int NOT NULL,

first\_name varchar(25),

last\_name varchar(25),

class int,

age int,

primary key(student\_id)

);

create table marks\_table(

score int,

year\_of\_study year,

class int,

ranking int,

student\_id int

);

insert into sdb2.marks\_table(score, year\_of\_study, class, ranking, student\_id) VALUES('989', '2012', '12','12', '12');

insert into sdb2.stud\_table(student\_id, first\_name, last\_name, class, age) VALUES ('12', 'Maneesh', 'Reddy', '12', '15');

SELECT student\_id, first\_name FROM sdb2.stud\_table WHERE age>=16 AND last\_name = 'kumar';

SELECT \* FROM sdb2.marks\_table WHERE score BETWEEN 800 AND 1000;

SELECT \*, score+5 as new\_score FROM sdb2.marks\_table;

SELECT \* FROM sdb2.marks\_table order by score DESC;

SELECT \* FROM sdb2.stud\_table WHERE first\_name LIKE 'a%';













