Lab 01 Data

Initial Table

std_id	name	major	section	days_present	project_marks	cgpa	submission_date
s001	Abir	CS	1	10	18.5	3.91	2018-09-15
s002	Nafis	CSE	1	12	20	3.86	2018-08-15
s003	Tasneem	CS	1	8	18	3.57	2018-09-18
s004	Nahid	ECE	2	7	16.5	3.25	2018-08-20
s005	Arafat	CS	2	11	20	4.0	2018-09-13
s006	Tasneem	CSE	1	12	17.5	3.7	2018-08-15
s007	Muhtadi	ECE	1	10	19	3.67	2018-09-16
S008	Farhana	CSE	2	6	15	2.67	2018-08-16
s009	Naima	CSE	2	12	20	3.7	2018-08-14

```
CREATE DATABASE CSE370Lab01;
```

```
USE CSE370Lab01;
```

```
CREATE TABLE Lab_Grades
(
    std_id char(4),
    name varchar(30),
    major char(3),
    section char(1),
    days_present int,
    project_marks double,
    cgpa decimal(3,2),
    submission_date date,
    created_at  TIMESTAMP DEFAULT CURRENT_TIMESTAMP,
    updated_at  TIMESTAMP DEFAULT CURRENT_TIMESTAMP ON UPDATE
CURRENT_TIMESTAMP

);
```

```
INSERT INTO Lab_Grades ( std_id, name,major,section ,days_present,project_marks,cgpa
,submission_date) values
('s001', 'Abir', 'CS', '1', 10, 18.5, 3.91, '2018-09-15'),
('s002', 'Nafis', 'CSE', '1', 12, 20, 3.86, '2018-08-15'),
('s003', 'Tasneem', 'CS', '1', 8, 18, 3.57, '2018-09-18'),
('s004', 'Nahid', 'ECE', '2', 7, 16.5, 3.25, '2018-08-20'),
('s005', 'Arafat', 'CS', '2', 11, 20, 4, '2018-09-13'),
('s006', 'Tasneem', 'CSE', '1', 12, 17.5, 3.7, '2018-08-15'),
('s007', 'Muhtadi', 'ECE', '1', 10, 19, 3.67, '2018-09-16'),
('S008', 'Farhana', 'CSE', '2', 6, 15, 2.67, '2018-08-16'),
('s009', 'Naima', 'CSE', '2', 12, 20, 3.7, '2018-08-14');
```

```
INSERT INTO Lab_Grades values
('s002', 'Nafis', 'CSE', '1', 12, 20, 3.86, '2018-08-15'),
('s003', 'Tasneem', 'CS', '1', 8, 18, 3.57, '2018-09-18'),
('s004', 'Nahid', 'ECE', '2', 7, 16.5, 3.25, '2018-08-20'),
```

```
('s005', 'Arafat', 'CS', '2', 11, 20, 4, '2018-09-13'),
('s006', 'Tasneem', 'CSE', '1', 12, 17.5, 3.7, '2018-08-15'),
('s007', 'Muhtadi', 'ECE', '1', 10, 19, 3.67, '2018-09-16'),
('S008', 'Farhana', 'CSE', '2', 6, 15, 2.67, '2018-08-16'),
('s009', 'Naima', 'CSE', '2', 12, 20, 3.7, '2018-08-14');


INSERT INTO Lab_Grades ( std_id, name,section ,days_present,project_marks,cgpa
,submission_date) values
('s100', 'brac', '1', 12, 20, 3.86, '2018-08-15');

CREATE INDEX idx_lastname ON Lab_Grades(name);
```