

```
CREATE DATABASE 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  
)
```

```
INSERT INTO Lab_Grades 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')
```

```
SELECT * FROM lab_grades AS GRD
```

```
SELECT GRD.std_id,GRD.name FROM lab_grades AS GRD
```

```
SELECT GRD.std_id,GRD.name FROM lab_grades AS GRD  
WHERE GRD.std_id='s001'
```

```
SELECT * FROM lab_grades AS GRD  
WHERE GRD.days_present <= 10
```

```
ALTER TABLE lab_grades ADD project_name char(10)
```

```
ALTER TABLE lab_grades MODIFY COLUMN std_id varchar(4)
```

```
ALTER TABLE lab_grades DROP project_name
```

```
DELETE FROM lab_grades  
WHERE name='Naima'
```

```
ALTER TABLE lab_grades CHANGE submission_date sub_date date
```

```
SELECT * FROM lab_grades AS GRD  
WHERE GRD.major IN ('CSE','CS')
```

```
SELECT * FROM lab_grades AS GRD  
WHERE GRD.name LIKE 'a%'
```

```
SELECT * FROM lab_grades AS GRD  
ORDER BY GRD.cgpa
```

```
SELECT * FROM lab_grades AS GRD  
ORDER BY GRD.cgpa DESC
```

```
SELECT * FROM lab_grades AS GRD  
WHERE GRD.name LIKE '%a%a%'
```