

**Assignment 2**

Course title: Database Management System Lab

Course code: CSE 312

Summitted to:

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Database & Table Create:

Create Database Assignment\_2

Create Table Student(

SID int IDENTITY(1,1) Primary Key not null,

FName varchar(30) not null,

LName varchar(30) not null,

Age int not null,

Grade float null,

Phone\_Number int null,

)

Insert into Student(FName,LName,Age,Grade,Phone\_Number)

Values('Ovi', 'Majumdar', 22, 1.25, 0123)

Insert into Student(FName,LName,Age,Grade,Phone\_Number)

Values('Akash', 'Pathan', 21, 2.22, 6441), ('Raja', 'Tushar', 24, null ,6548),

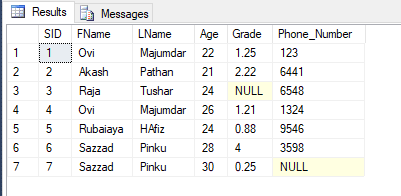
('Ovi', 'Majumdar', 26, 1.21, 01324),

('Rubaiaya', 'HAfiz', 24, 0.88, 9546),

('Sazzad', 'Pinku', 28, 4.00, 3598),

('Sazzad', 'Pinku', 30, 0.25, null)

select \* from Student

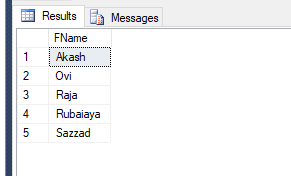


1. Select all FName but similar names cannot be shown twice

[Hints: use ‘select’ command to view table with distinct keyword.]

**Solution:**

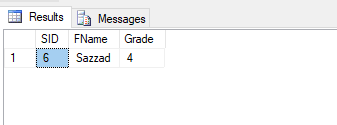
select distinct FName from Student



1. Select all SID, FName and Grade of those people who is older than 25 years and phone number ends with 8.

**Solution:**

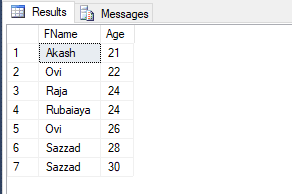
select SID, FName, Grade from Student where age>25 and Phone\_Number like '%8'



1. Select all the FName and Age. But show according to their age starting from younger to older.

**Solution:**

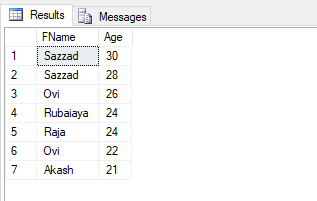
select FName, Age from Student order by Age



1. Select all the FName and Age. But show according to their age starting from older to younger.

**Solution:**

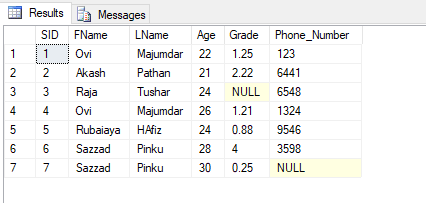
select FName, Age from Student order by Age desc



1. Delete Ovi from the table. Describe what happened.

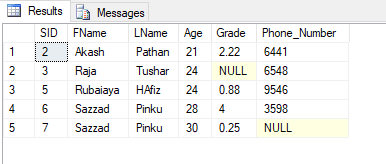
**Solution:**

delete from Student where FName= 'Ovi'



**Before Delete**

**‘Ovi’**



**After Delete**

**‘Ovi’**

**What’s happen:** The Delete command is used to remove **some or all** rows from a table.

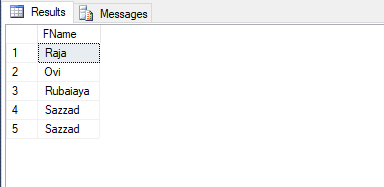
A WHERE clause can be used to only remove some rows.

After performing a DELETE operation, I can Rollback or to undo this row.

1. Select all FName whose age is between 23 to 30.

**Solution:**

select FName from Student where age >= 23 and age <=30



***“The End”***