

Group 4

Members:

1.Zahir Ayub Khan(Group Leader)

2.Jamal khan

3.Nauman Ali

4.Syed Shan E Ali

Student Transcript:

```
create table Student (  
ID nchar(30),  
Name varchar(30),  
);  
  
create table Transcript (  
Subject nchar(30),  
GPA nchar(30),  
ID nchar(30),  
);  
  
INSERT INTO Student (ID, Name)  
VALUES ('Sp17-bse-001', 'ahmad khan');  
  
INSERT INTO Student (ID, Name)  
VALUES ('Sp17-bse-002', 'Hassan ali');  
  
INSERT INTO Student (ID, Name)  
VALUES ('Sp17-bse-003', 'Bilal Khan');  
  
INSERT INTO Student (ID, Name)  
VALUES ('Sp17-bse-004', 'Rana Noon');  
  
INSERT INTO Student (ID, Name)  
VALUES ('Sp17-bse-005', 'Zoya Yusufzai');  
  
INSERT INTO Student (ID, Name)  
VALUES ('Sp17-bse-006', 'Zain Ahmad');  
  
INSERT INTO Student (ID, Name)  
VALUES ('Sp17-bse-007', 'Ghulam mujtaba');  
  
INSERT INTO Student (ID, Name)  
VALUES ('Sp17-bse-008', 'Hamza ali khan');
```

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INSERT INTO Student (ID, Name)
VALUES ('Sp17-bse-009', 'Ali Joiya');

INSERT INTO Student (ID, Name)
VALUES ('Sp17-bse-010', 'Alex markovich');

INSERT INTO Transcript(Subject,GPA,ID)
VALUES ('Math','2.3','Sp17-bse-001');

INSERT INTO Transcript(Subject,GPA,ID)
VALUES ('English','3.3','Sp17-bse-002');

INSERT INTO Transcript(Subject,GPA,ID)
VALUES ('Database system','2.7','Sp17-bse-003');

INSERT INTO Transcript(Subject,GPA,ID)
VALUES ('OOP','3.7','Sp17-bse-004');

INSERT INTO Transcript(Subject,GPA,ID)
VALUES ('Islamic studies','3.0','Sp17-bse-005');

INSERT INTO Transcript(Subject,GPA,ID)
VALUES ('CA','2.0','Sp17-bse-006');

INSERT INTO Transcript(Subject,GPA,ID)
VALUES ('Advance OOP','2.7','Sp17-bse-007');

INSERT INTO Transcript(Subject,GPA,ID)
VALUES ('statistics','2.3','Sp17-bse-008');

INSERT INTO Transcript(Subject,GPA,ID)
VALUES ('Cal1','2.3','Sp17-bse-009');

INSERT INTO Transcript(Subject,GPA,ID)
VALUES ('SQE','2.7','Sp17-bse-010');

/* Above work is Zahir Ayub Khan. Work Below Is Jamal khan*/

create database StudentTranscriptDB
use StudentTranscriptDB

create table Student(
StudentId nchar(30),
Name(30))

insert into Student values
('fa20-bcs-001','ali')
('fa20-bcs-002','Aftab')
('fa20-bcs-003','Ammar')
('fa20-bcs-004','Mohsin')
('fa20-bcs-005','Zubair')
('fa20-bcs-006','Daniyal')
('fa20-bcs-007','Usman')

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( 'fa20-bcs-008', 'Abbass')
( 'fa20-bcs-009', 'Saddique')
( 'fa20-bcs-010', 'Umar')
```

```
create table Transcript(
CourseName nchar(30),
GPA float(30),
StudentId nchar(30)
);
```

```
insert into Transcript values
( 'Database Systems', '1.3', 'fa20-bcs-001')
( 'Database Systems', '1.3', 'fa20-bcs-002')
( 'Database System', '2.7', 'fa20-bcs-003')
( 'Database Systems', '3.3', 'fa20-bcs-004')
( 'Database System', '4.0', 'fa20-bcs-005')
( 'Operating Systems', '2.7', 'fa20-bcs-006')
( 'Database Systems', '2.0', 'fa20-bcs-007')
( 'Database Systems', '3.7', 'fa20-bcs-008')
( 'Operating Systems', '2.5', 'fa20-bcs-009')
( 'Database Systems', '3.0', 'fa20-bcs-010')
```

```
Select Count(*) As [Number of std]
FROM [StudentTranscriptDB].[dbo].[Transcript]

Group By CourseName

Select CourseName, AVG(GPA) As [AVG GPA]
FROM [StudentTranscriptDB].[dbo].[Transcript]

Group By CourseName
```

Dream Home:

```
select * from branch;
INSERT into Branch (branchNo, street, city, postcode) VALUES ('B005',
'H#88 j-13/3', 'ABT', '54000');
INSERT into Branch (branchNo, street, city, postcode) VALUES ('B006',
'H#77 k-14/6', 'KARI', '56000');
INSERT into Branch (branchNo, street, city, postcode) VALUES ('B007',
'H#89 m-11/7', 'QUA', '63000');
INSERT into Branch (branchNo, street, city, postcode) VALUES ('B008',
'H#69 I-10/2', 'ISL', '52200');
INSERT into Branch (branchNo, street, city, postcode) VALUES ('B009',
```

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'H#35 I-61/2', 'HAR', '73000');
INSERT into Branch (branchNo, street, city, postcode) VALUES ('B0010',
'H#66 I-01/5', 'MUL', '32100');
INSERT into Branch (branchNo, street, city, postcode) VALUES ('B0011',
'H#99 I-11/3', 'ABT', '53300');
INSERT into Branch (branchNo, street, city, postcode) VALUES ('B0012',
'H#12 I-10/2', 'SWA', '57700');
INSERT into Branch (branchNo, street, city, postcode) VALUES ('B0013',
'H#19 I-13/6', 'KARI', '56600');
INSERT into Branch (branchNo, street, city, postcode) VALUES ('B0014',
'H#35 I-62/2', 'HAR', '73800');
INSERT into Branch (branchNo, street, city, postcode) VALUES ('B0015',
'H#66 I-02/5', 'MUL', '23700');
INSERT into Branch (branchNo, street, city, postcode) VALUES ('B0016',
'H#99 I-17/3', 'ABT', '81900');
INSERT into Branch (branchNo, street, city, postcode) VALUES ('B0017',
'H#12 I-80/6', 'SWA', '65100');
INSERT into Branch (branchNo, street, city, postcode) VALUES ('B0018',
'H#19 I-93/6', 'KARI', '89100');

/* Above work is Zahir Ayub Khan. Work Below Is Jamal khan*/

INSERT into Branch (branchNo, street, city, postcode) VALUES
('B0019', 'X#11 Y-11/1', 'ABBOTTABAD', '22500');

('B0020', 'X#77 Y-22/2', 'MANSERA', '23400');
('B0021', 'X#89 Y-33/3', 'PESHAWER', '24500');
('B0022', 'X#69 Y-44/4', 'MARDAN', '26500');
('B0023', 'X#35 Y-55/5', 'KOHAH', '27500');
('B0024', 'X#66 Y-66/6', 'NOWSHERA', '28500');
('B0025', 'X#99 Y-77/7', 'SWABI', '29500');
('B0026', 'X#12 Y-88/8', 'ISLAMABAD', '31500');
('B0027', 'X#19 Y-99/9', 'RAWALPINDI', '32500');
('B0028', 'X#35 Y-12/1', 'LAHORE', '33500');
('B0029', 'X#66 Y-13/2', 'KARACHI', '34500');
('B0030', 'X#99 Y-14/3', 'MULTAN', '35500');
('B0031', 'X#12 Y-15/4', 'HYDERABAD', '36500');
('B0032', 'X#19 Y-16/5', 'OKHARA', '37500');

```

Update And Delete:

```

create table Student (
ID nchar(30),
Name varchar(30),
);

create table Transcript (
Subject nchar(30),
GPA nchar(30),
ID nchar(30),
);

INSERT INTO Student (ID, Name)

```

```

VALUES ('Sp17-bse-001', 'ahmad khan');

INSERT INTO Student (ID, Name)
VALUES ('Sp17-bse-002', 'Hassan ali');

INSERT INTO Student (ID, Name)
VALUES ('Sp17-bse-003', 'Bilal Khan');

INSERT INTO Student (ID, Name)
VALUES ('Sp17-bse-004', 'Rana Noon');

INSERT INTO Student (ID, Name)
VALUES ('Sp17-bse-005', 'Zoya Yusufzai');

INSERT INTO Student (ID, Name)
VALUES ('Sp17-bse-006', 'Zain Ahmad');

INSERT INTO Student (ID, Name)
VALUES ('Sp17-bse-007', 'Ghulam mujtaba');

INSERT INTO Student (ID, Name)
VALUES ('Sp17-bse-008', 'Hamza ali khan');

INSERT INTO Student (ID, Name)
VALUES ('Sp17-bse-009', 'Ali Joiya');

INSERT INTO Student (ID, Name)
VALUES ('Sp17-bse-010', 'Alex markovich');


INSERT INTO Transcript(Subject,GPA,ID)
VALUES ('Math','2.3','Sp17-bse-001');

INSERT INTO Transcript(Subject,GPA,ID)
VALUES ('English','3.3','Sp17-bse-002');

INSERT INTO Transcript(Subject,GPA,ID)
VALUES ('Database system','2.7','Sp17-bse-003');

INSERT INTO Transcript(Subject,GPA,ID)
VALUES ('OOP','3.7','Sp17-bse-004');

INSERT INTO Transcript(Subject,GPA,ID)
VALUES ('Islamic studies','3.0','Sp17-bse-005');

INSERT INTO Transcript(Subject,GPA,ID)
VALUES ('CA','2.0','Sp17-bse-006');

INSERT INTO Transcript(Subject,GPA,ID)
VALUES ('Advance OOP','2.7','Sp17-bse-007');

INSERT INTO Transcript(Subject,GPA,ID)
VALUES ('statistics','2.3','Sp17-bse-008');

INSERT INTO Transcript(Subject,GPA,ID)
VALUES ('Cal1','2.3','Sp17-bse-009');

INSERT INTO Transcript(Subject,GPA,ID)

```

```

VALUES ('SQE', '2.7', 'Sp17-bse-010');

UPDATE Transcript
Set GPA='2.7'
WHERE ID='Sp17-bse-001';

UPDATE Transcript
Set GPA='1.7'
WHERE ID='Sp17-bse-006';

UPDATE Transcript
Set GPA='2.3'
WHERE ID='Sp17-bse-010';

DELETE FROM Transcript WHERE ID='Sp17-bse-009';
DELETE FROM Transcript WHERE ID='Sp17-bse-008';

/* Above work is Zahir Ayub Khan. Work Below Is Jamal khan*/

create database StudentTranscriptDB
use StudentTranscriptDB

create table Student(
StudentId nchar(30),
Name(30))

insert into Student values
('fa20-bcs-001', 'ali')
('fa20-bcs-002', 'Aftab')
('fa20-bcs-003', 'Ammar')
('fa20-bcs-004', 'Mohsin')
('fa20-bcs-005', 'Zubair')
('fa20-bcs-006', 'Daniyal')
('fa20-bcs-007', 'Usman')
('fa20-bcs-008', 'Abbass')
('fa20-bcs-009', 'Saddique')
('fa20-bcs-010', 'Umar')

create table Transcript(
CourseName nchar(30),
GPA float(30),
StudentId nchar(30)
);

insert into Transcript values
('Database Systems', '1.3', 'fa20-bcs-001')
('Database Systems', '1.3', 'fa20-bcs-002')
('Database System', '2.7', 'fa20-bcs-003')
('Database Systems', '3.3', 'fa20-bcs-004')
('Database System', '4.0', 'fa20-bcs-005')
('Operating Systems', '2.7', 'fa20-bcs-006')
('Database Systems', '2.0', 'fa20-bcs-007')
('Database Systems', '3.7', 'fa20-bcs-008')

```

```
('Operating Systems','2.5','fa20-bcs-009')  
( 'Database Systems','3.0','fa20-bcs-010')
```

```
DELETE FROM Transcript WHERE StudentId='fa20-bcs-008';  
select * from Transcript
```

```
UPDATE Transcript set GPA='3.3'WHERE StudentId='fa20-bcs-010';  
select * from Transcript
```

```
DELETE FROM Transcript WHERE StudentId='fa20-bcs-002';  
select * from Transcript
```

```
UPDATE Transcript set GPA='3.3'WHERE StudentId='fa20-bcs-004';  
select * from Transcript
```

```
DELETE FROM Transcript WHERE StudentId='fa20-bcs-001';  
select * from Transcript
```

```
UPDATE Transcript set GPA='1.3'WHERE StudentId='fa20-bcs-003';  
select * from Transcript
```

```
DELETE FROM Transcript WHERE StudentId='fa20-bcs-006';  
select * from Transcript
```

```
UPDATE Transcript set GPA='0'WHERE StudentId='fa20-bcs-009';  
select * from Transcript
```