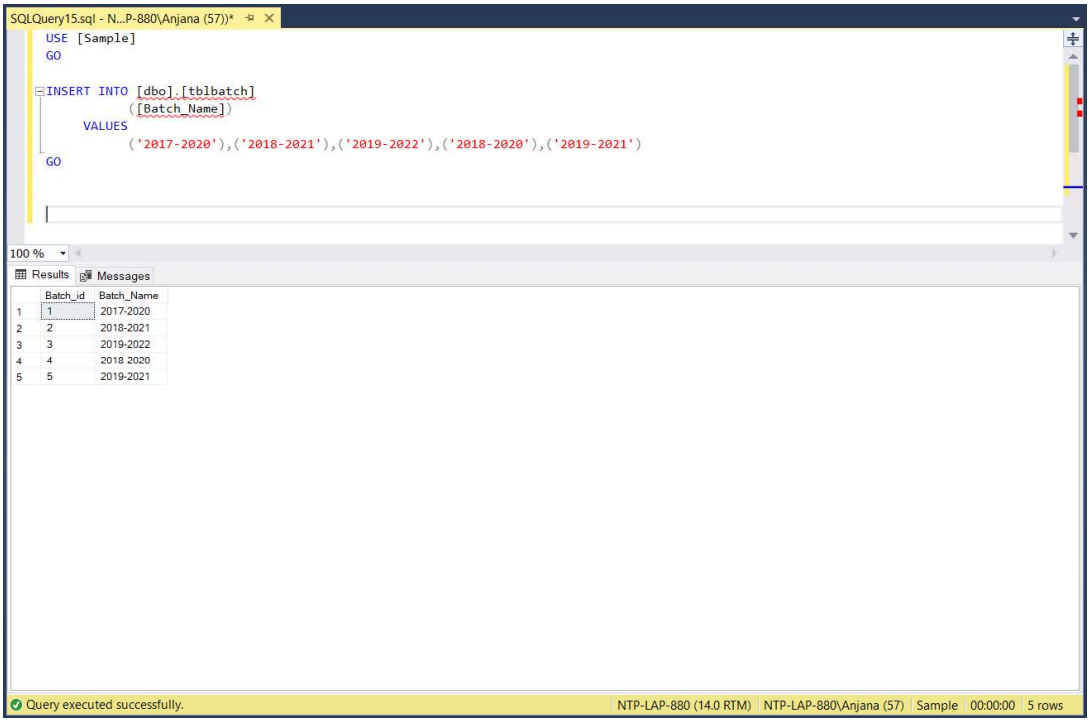
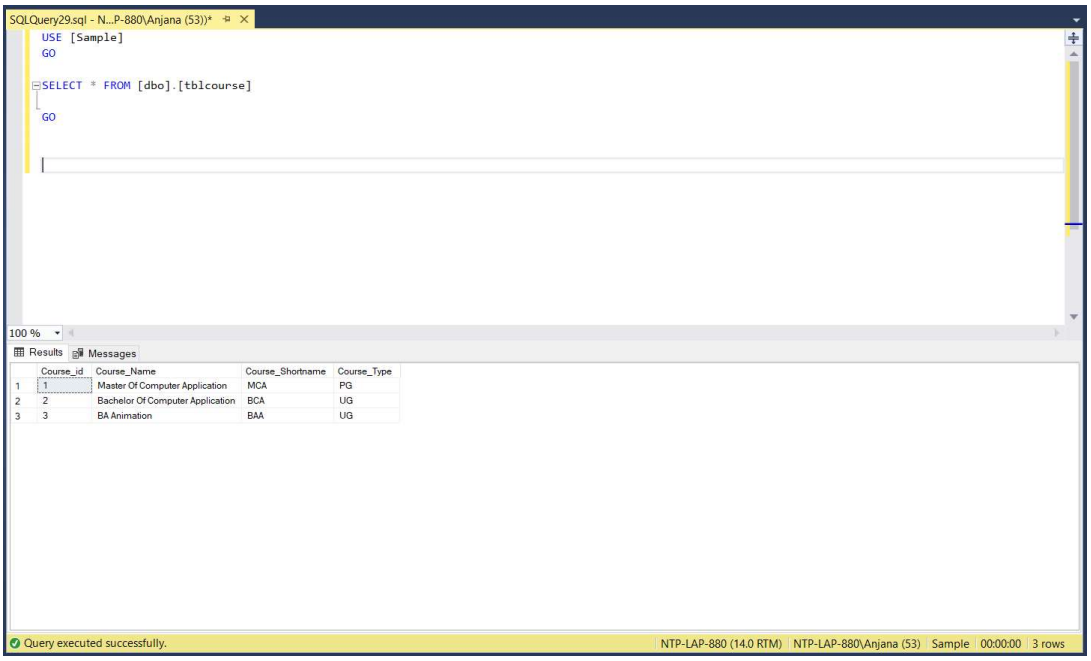
Create table with the following fields.

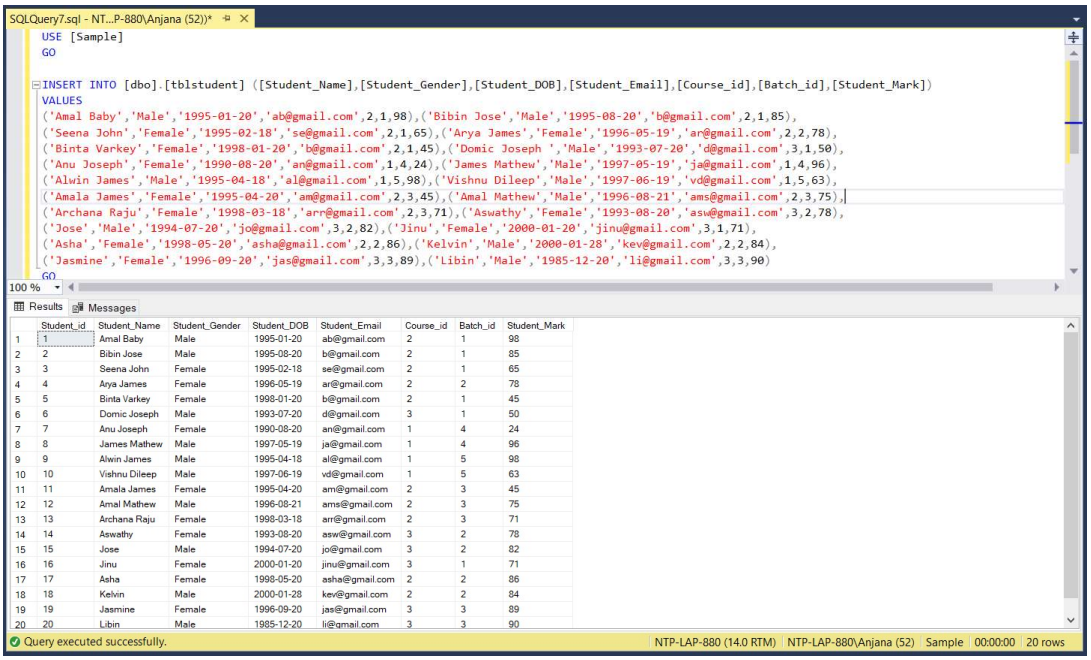
1.**tblcourse**-Course_id(P.K,A.I),Course_Name,Course_Shortname,Course_Type

2.**tblbatch**-Batch_id(P.K,A.I),Batch_Name

3.**tblstudent**-
Student_id(P.K,A.I),Student_Name,Student_Gender,Student_DOB,Student_Email,Course_id,Batch_id,Student_Mark





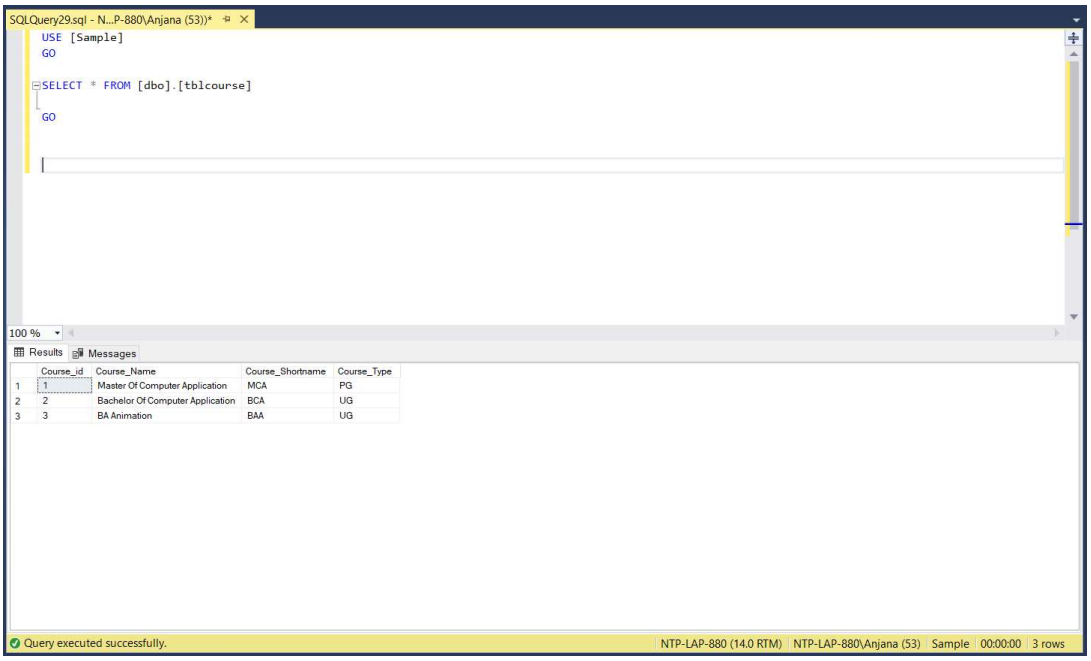


```
USE [Sample]
GO

INSERT INTO [dbo].[tblstudent] ([Student_Name],[Student_Gender],[Student_DOB],[Student_Email],[Course_id],[Batch_id],[Student_Mark])
VALUES
('Amal Baby','Male','1995-01-20','ab@gmail.com',2,1,98),('Bibin Jose','Male','1995-08-20','b@gmail.com',2,1,85),
('Seena John','Female','1995-02-18','se@gmail.com',2,1,65),('Arya James','Female','1996-05-19','ar@gmail.com',2,2,78),
('Binta Varkey','Female','1998-01-20','b@gmail.com',2,1,45),('Domic Joseph ','Male','1993-07-20','d@gmail.com',3,1,50),
('Anu Joseph','Female','1990-08-20','an@gmail.com',1,4,24),('James Mathew','Male','1997-05-19','ja@gmail.com',1,4,96),
('Alwin James','Male','1995-04-18','al@gmail.com',1,5,98),('Vishnu Dileep','Male','1997-06-19','vd@gmail.com',1,5,63),
('Amala James','Female','1995-04-20','am@gmail.com',2,3,45),('Amal Mathew','Male','1996-08-21','ams@gmail.com',2,3,75),
('Archana Raju','Female','1998-03-18','arr@gmail.com',2,3,71),('Aswathy','Female','1993-08-20','asw@gmail.com',3,2,78),
('Jose','Male','1994-07-20','jo@gmail.com',3,2,82),('Jinu','Female','2000-01-20','jinu@gmail.com',3,1,71),
('Asha','Female','1998-05-20','asha@gmail.com',2,2,86),('Kelvin','Male','2000-01-28','kev@gmail.com',2,2,84),
('Jasmine','Female','1996-09-20','jas@gmail.com',3,3,89),('Libin','Male','1985-12-20','li@gmail.com',3,3,90)
GO
```

	Student_id	Student_Name	Student_Gender	Student_DOB	Student_Email	Course_id	Batch_id	Student_Mark
1	1	Amal Baby	Male	1995-01-20	ab@gmail.com	2	1	98
2	2	Bibin Jose	Male	1995-08-20	b@gmail.com	2	1	85
3	3	Seena John	Female	1995-02-18	se@gmail.com	2	1	65
4	4	Arya James	Female	1996-05-19	ar@gmail.com	2	2	78
5	5	Binta Varkey	Female	1998-01-20	b@gmail.com	2	1	45
6	6	Domic Joseph	Male	1993-07-20	d@gmail.com	3	1	50
7	7	Anu Joseph	Female	1990-08-20	an@gmail.com	1	4	24
8	8	James Mathew	Male	1997-05-19	ja@gmail.com	1	4	96
9	9	Alwin James	Male	1995-04-18	al@gmail.com	1	5	98
10	10	Vishnu Dileep	Male	1997-06-19	vd@gmail.com	1	5	63
11	11	Amala James	Female	1995-04-20	am@gmail.com	2	3	45
12	12	Amal Mathew	Male	1996-08-21	ams@gmail.com	2	3	75
13	13	Archana Raju	Female	1998-03-18	arr@gmail.com	2	3	71
14	14	Aswathy	Female	1993-08-20	asw@gmail.com	3	2	78
15	15	Jose	Male	1994-07-20	jo@gmail.com	3	2	82
16	16	Jinu	Female	2000-01-20	jinu@gmail.com	3	1	71
17	17	Asha	Female	1998-05-20	asha@gmail.com	2	2	86
18	18	Kelvin	Male	2000-01-28	kev@gmail.com	2	2	84
19	19	Jasmine	Female	1996-09-20	jas@gmail.com	3	3	89
20	20	Libin	Male	1985-12-20	li@gmail.com	3	3	90

Query executed successfully. NTP-LAP-880 (14.0 RTM) | NTP-LAP-880\Anjana (52) | Sample | 00:00:00 | 20 rows

1. Select all the details Courses.

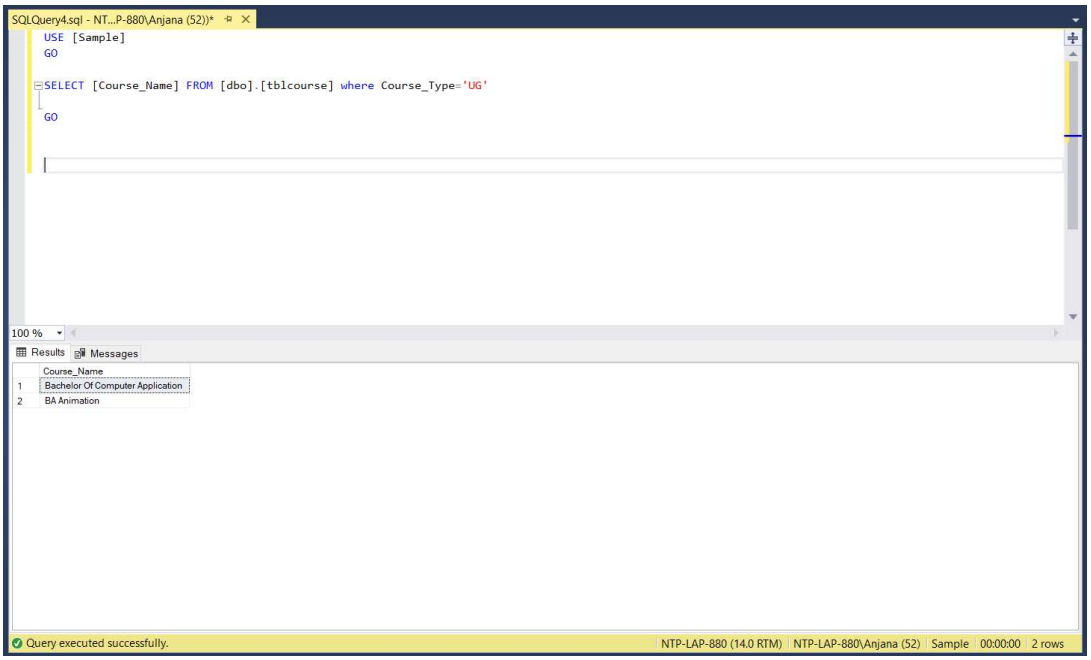


```
USE [Sample]
GO

SELECT * FROM [dbo].[tblcourse]

GO
```

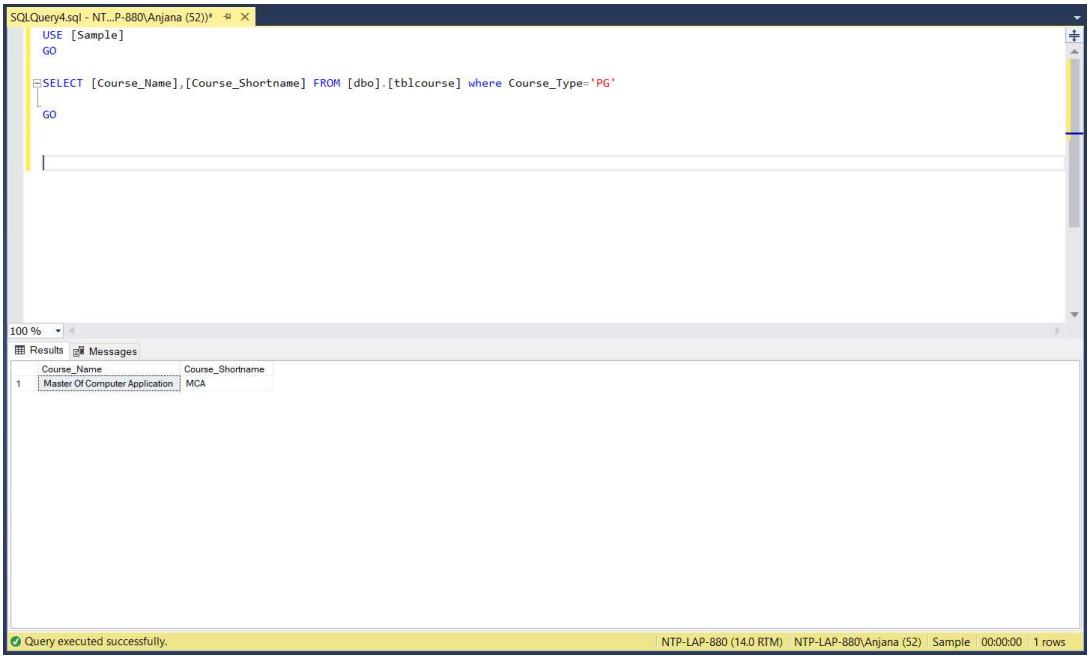
	Course_id	Course_Name	Course_Shortname	Course_Type
1	1	Master Of Computer Application	MCA	PG
2	2	Bachelor Of Computer Application	BCA	UG
3	3	BA Animation	BAA	UG

Query executed successfully. NTP-LAP-880 (14.0 RTM) | NTP-LAP-880\Anjana (53) | Sample | 00:00:00 | 3 rows

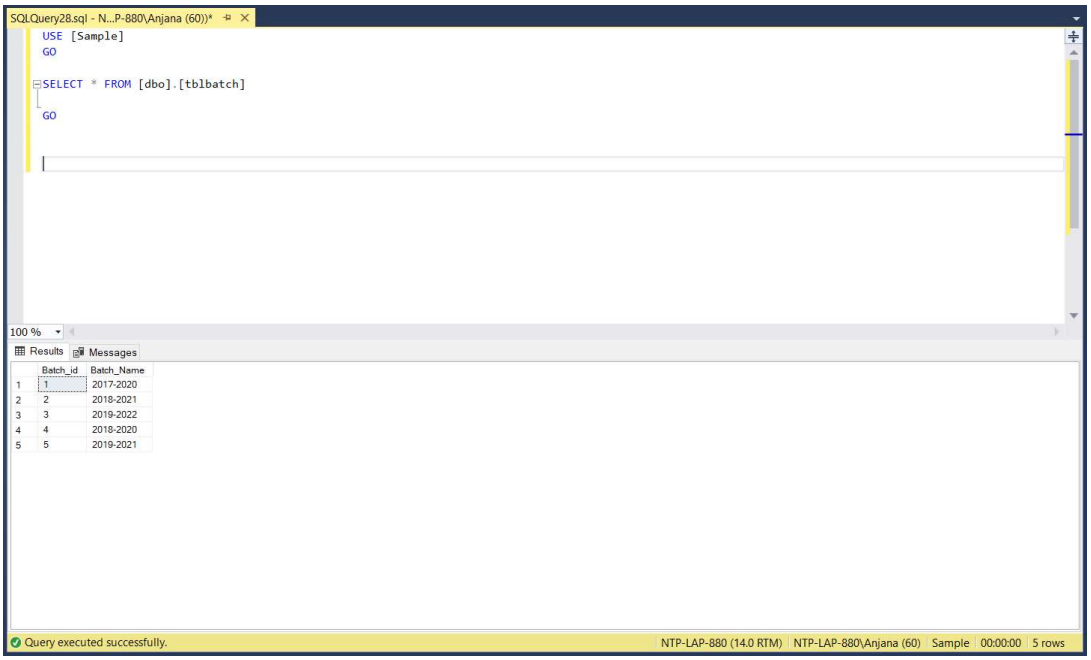
2. Select the name of UG Courses.



3. Select the name and short name of PG Courses.



4. Select the details of batches.

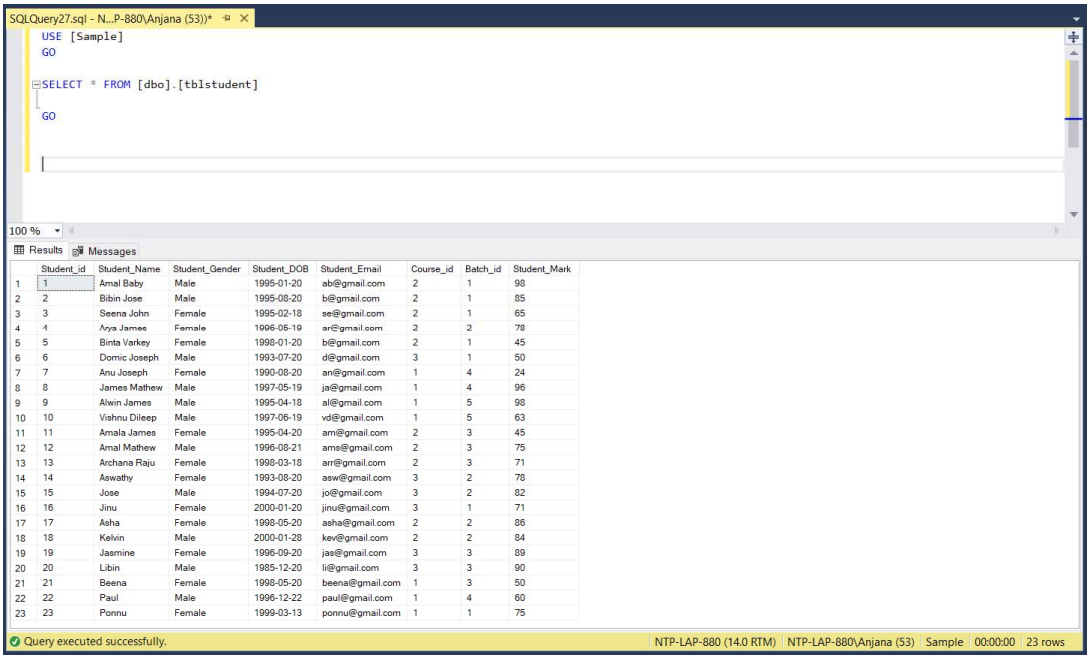


```
USE [Sample]
GO

SELECT * FROM [dbo].[tblbatch]

GO
```

	Batch_id	Batch_Name
1	1	2017-2020
2	2	2018-2021
3	3	2019-2022
4	4	2018-2020
5	5	2019-2021

Query executed successfully. NTP-LAP-880 (14.0 RTM) | NTP-LAP-880\Anjana (60) | Sample | 00:00:00 | 5 rows

5. Select the details of students.

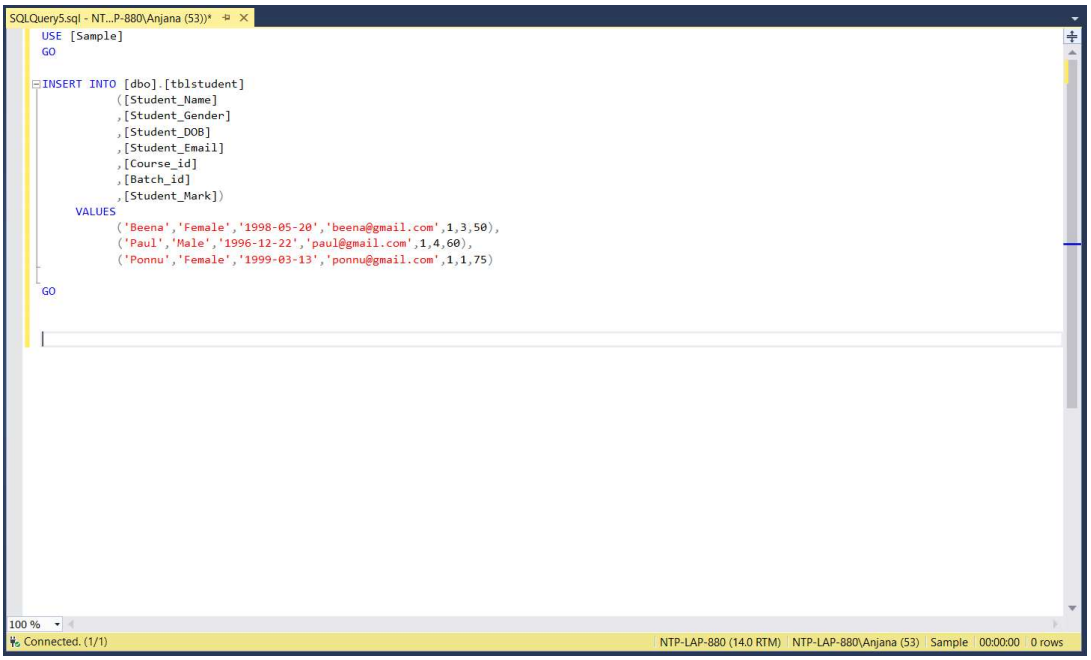


```
USE [Sample]
GO

SELECT * FROM [dbo].[tblstudent]

GO
```

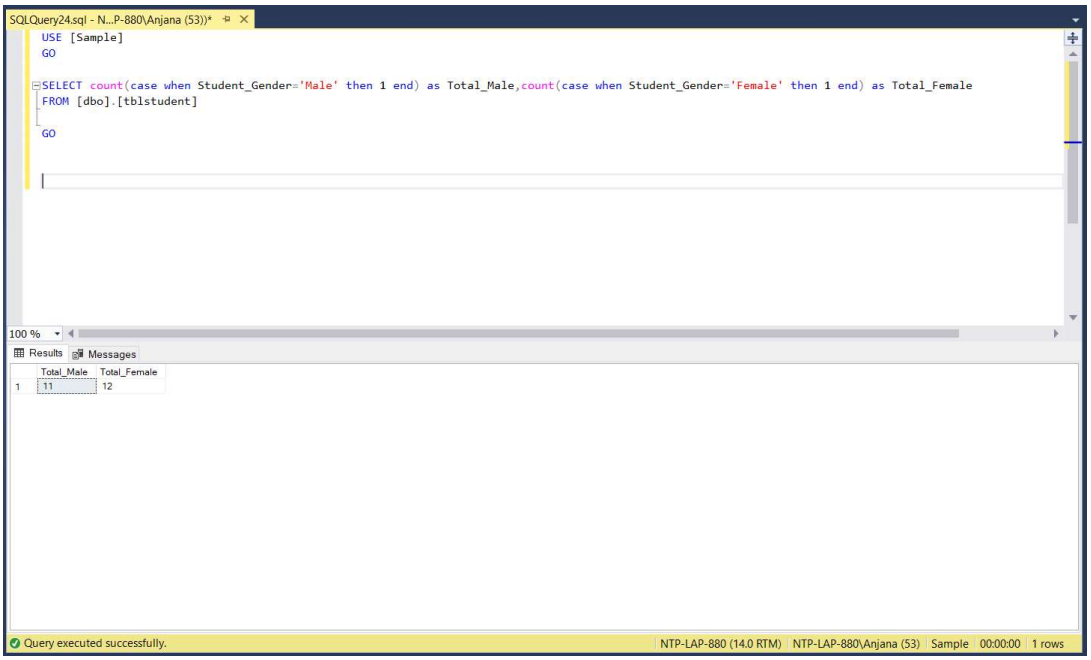
	Student_id	Student_Name	Student_Gender	Student_DOB	Student_Email	Course_id	Batch_id	Student_Mark
1	1	Amal Baby	Male	1995-01-20	ab@gmail.com	2	1	98
2	2	Bibin Jose	Male	1995-08-20	b@gmail.com	2	1	85
3	3	Seena John	Female	1995-02-18	se@gmail.com	2	1	65
4	4	Arya James	Female	1996-05-19	ar@gmail.com	2	2	78
5	5	Binta Varkey	Female	1998-01-20	b@gmail.com	2	1	45
6	6	Domic Joseph	Male	1993-07-20	d@gmail.com	3	1	50
7	7	Anu Joseph	Female	1990-08-20	an@gmail.com	1	4	24
8	8	James Mathew	Male	1997-05-19	ja@gmail.com	1	4	96
9	9	Alwin James	Male	1995-04-18	al@gmail.com	1	5	98
10	10	Vishnu Dileep	Male	1997-06-19	vd@gmail.com	1	5	63
11	11	Amala James	Female	1995-04-20	am@gmail.com	2	3	45
12	12	Amal Mathew	Male	1996-08-21	ams@gmail.com	2	3	75
13	13	Archana Raju	Female	1998-03-18	arr@gmail.com	2	3	71
14	14	Aswathy	Female	1993-08-20	asw@gmail.com	3	2	78
15	15	Jose	Male	1994-07-20	jo@gmail.com	3	2	82
16	16	Jinu	Female	2000-01-20	jinu@gmail.com	3	1	71
17	17	Asha	Female	1998-05-20	asha@gmail.com	2	2	86
18	18	Kelvin	Male	2000-01-28	kev@gmail.com	2	2	84
19	19	Jasmine	Female	1996-09-20	jas@gmail.com	3	3	89
20	20	Libin	Male	1985-12-20	li@gmail.com	3	3	90
21	21	Beena	Female	1998-05-20	beena@gmail.com	1	3	50
22	22	Paul	Male	1996-12-22	paul@gmail.com	1	4	60
23	23	Ponnu	Female	1999-03-13	ponnu@gmail.com	1	1	75

Query executed successfully. NTP-LAP-880 (14.0 RTM) | NTP-LAP-880\Anjana (53) | Sample | 00:00:00 | 23 rows

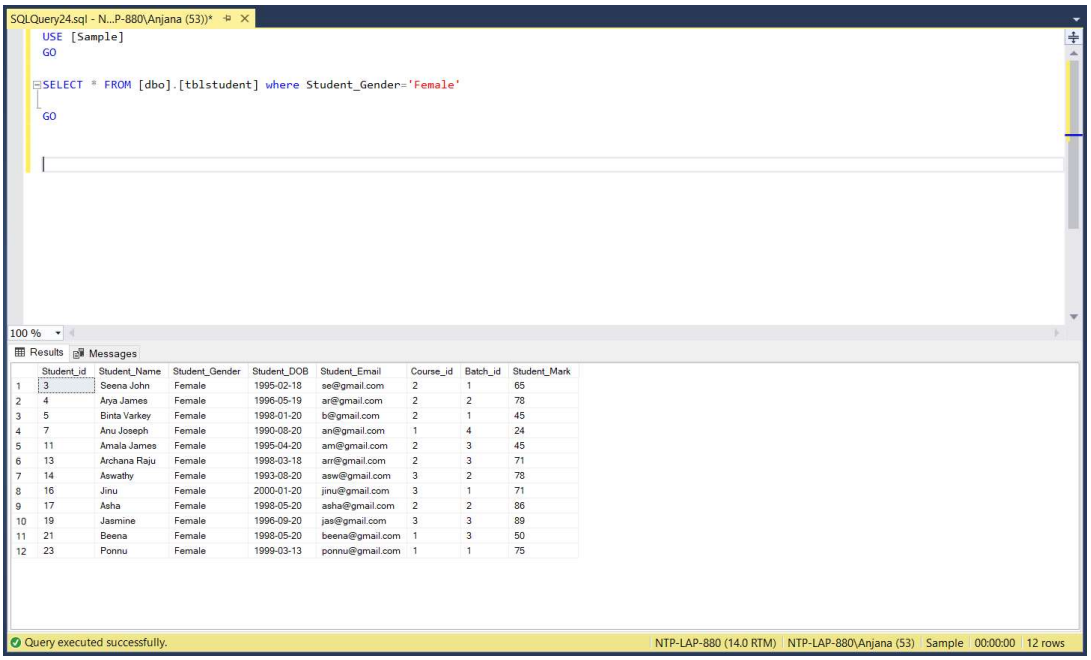
6. Insert 3 students details whose course is MCA or BCA.



7. Select the count of Male and Female Students (use if case Statement).



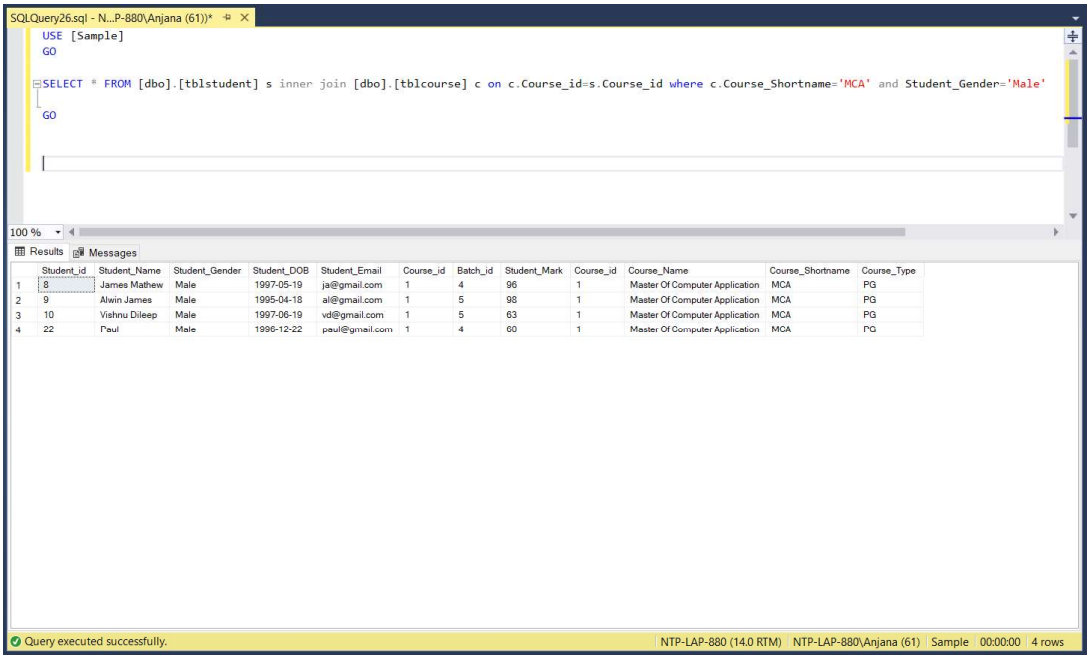
8. Select the details of Female Students.



```
USE [Sample]
GO

SELECT * FROM [dbo].[tblstudent] where Student_Gender='Female'

GO
```

	Student_id	Student_Name	Student_Gender	Student_DOB	Student_Email	Course_id	Batch_id	Student_Mark
1	3	Seena John	Female	1995-02-18	se@gmail.com	2	1	65
2	4	Arya James	Female	1996-05-19	ar@gmail.com	2	2	78
3	5	Binta Varkey	Female	1998-01-20	b@gmail.com	2	1	45
4	7	Anu Joseph	Female	1990-08-20	an@gmail.com	1	4	24
5	11	Amala James	Female	1995-04-20	am@gmail.com	2	3	45
6	13	Archana Raju	Female	1998-03-18	arr@gmail.com	2	3	71
7	14	Aswathy	Female	1993-08-20	asw@gmail.com	3	2	78
8	16	Jinu	Female	2000-01-20	jinu@gmail.com	3	1	71
9	17	Asha	Female	1998-05-20	asha@gmail.com	2	2	86
10	19	Jasmine	Female	1996-09-20	jas@gmail.com	3	3	89
11	21	Beena	Female	1998-05-20	beena@gmail.com	1	3	50
12	23	Ponnu	Female	1999-03-13	ponnu@gmail.com	1	1	75

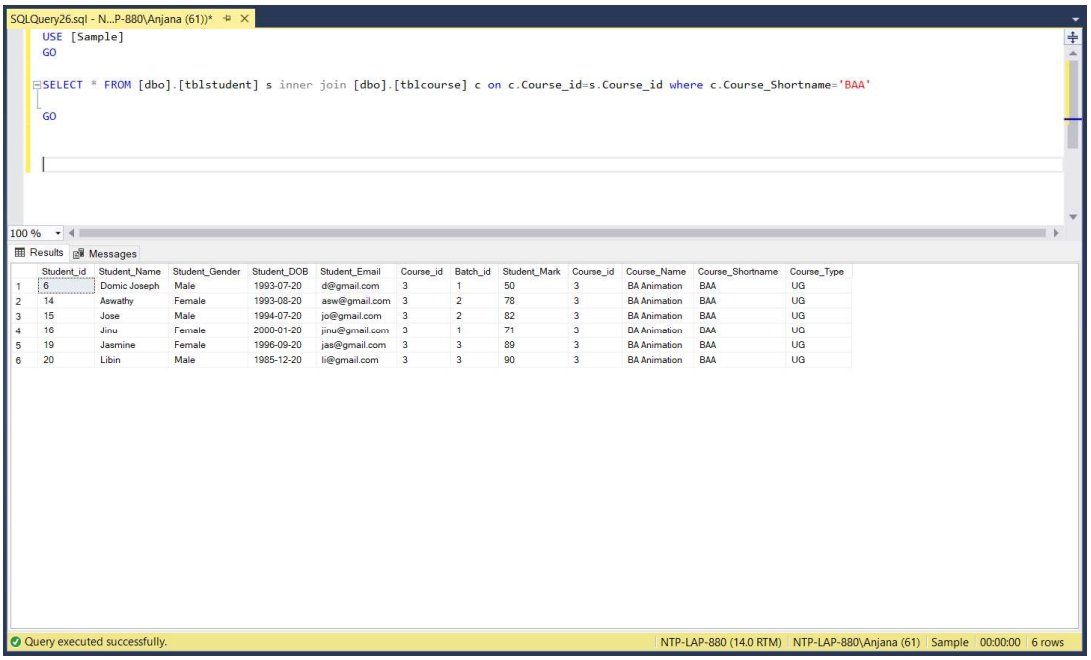
9. Select the details Males students whose course is MCA.



```
USE [Sample]
GO

SELECT * FROM [dbo].[tblstudent] s inner join [dbo].[tblcourse] c on c.Course_id=s.Course_id where c.Course_Shortname='MCA' and Student_Gender='Male'

GO
```

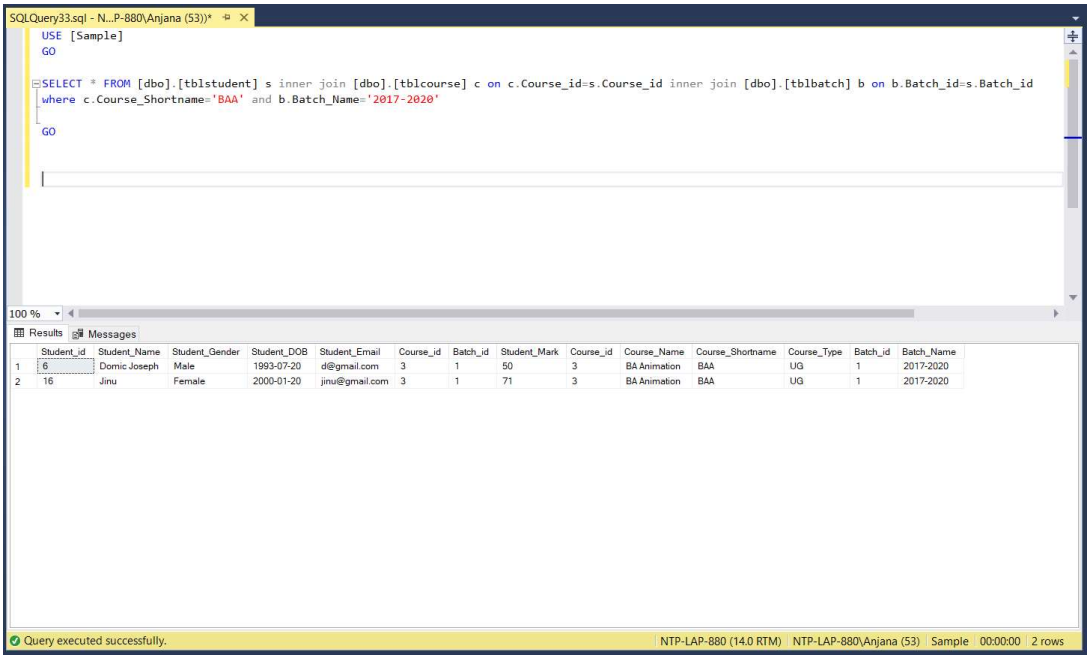
	Student_id	Student_Name	Student_Gender	Student_DOB	Student_Email	Course_id	Batch_id	Student_Mark	Course_id	Course_Name	Course_Shortname	Course_Type
1	8	James Mathew	Male	1997-05-19	ja@gmail.com	1	4	96	1	Master Of Computer Application	MCA	PG
2	9	Alwin James	Male	1995-04-18	al@gmail.com	1	5	98	1	Master Of Computer Application	MCA	PG
3	10	Vishnu Dileep	Male	1997-06-19	vd@gmail.com	1	5	63	1	Master Of Computer Application	MCA	PG
4	22	Paul	Male	1996-12-22	paul@gmail.com	1	4	60	1	Master Of Computer Application	MCA	PG

10. Select the details BAA Students.



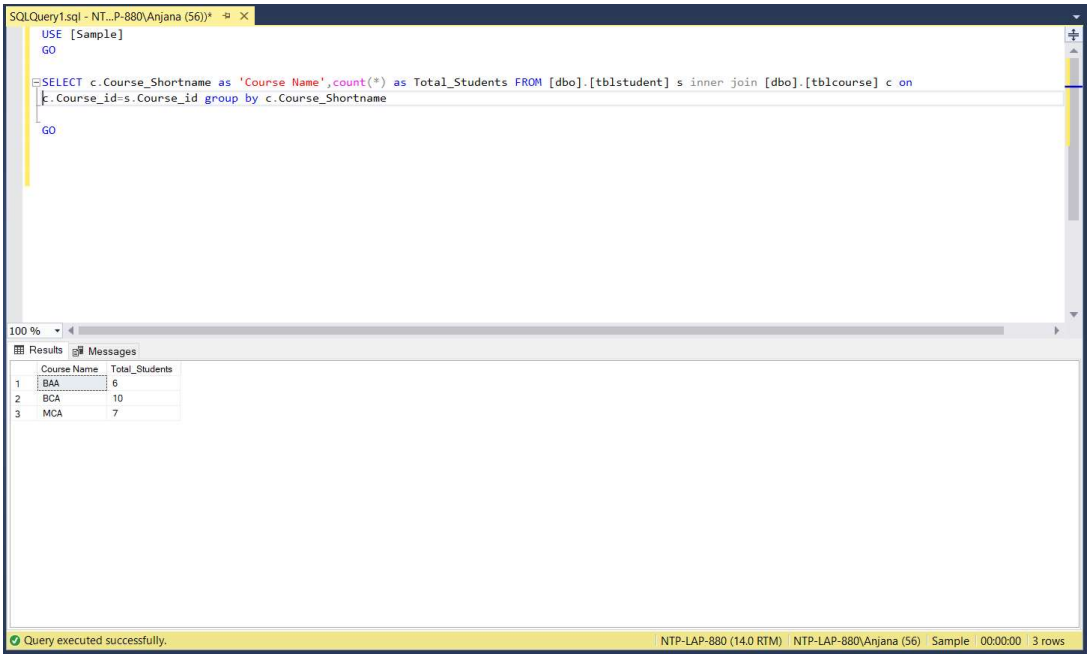
	Student_id	Student_Name	Student_Gender	Student_DOB	Student_Email	Course_id	Batch_id	Student_Mark	Course_id	Course_Name	Course_Shortname	Course_Type
1	6	Domic Joseph	Male	1993-07-20	d@gmail.com	3	1	50	3	BA Animation	BAA	UG
2	14	Aswathy	Female	1993-08-20	asw@gmail.com	3	2	78	3	BA Animation	BAA	UG
3	15	Jose	Male	1994-07-20	jo@gmail.com	3	2	82	3	BA Animation	BAA	UG
4	16	Jinu	Female	2000-01-20	jinu@gmail.com	3	1	71	3	BA Animation	BAA	UG
5	19	Jasmine	Female	1996-09-20	jas@gmail.com	3	3	89	3	BA Animation	BAA	UG
6	20	Libin	Male	1985-12-20	li@gmail.com	3	3	90	3	BA Animation	BAA	UG

11. Select the details of BAA students whose batch is 2017-2020.



	Student_id	Student_Name	Student_Gender	Student_DOB	Student_Email	Course_id	Batch_id	Student_Mark	Course_id	Course_Name	Course_Shortname	Course_Type	Batch_id	Batch_Name
1	6	Domic Joseph	Male	1993-07-20	d@gmail.com	3	1	50	3	BA Animation	BAA	UG	1	2017-2020
2	16	Jinu	Female	2000-01-20	jinu@gmail.com	3	1	71	3	BA Animation	BAA	UG	1	2017-2020

12. Select all the course short name and total number of students.

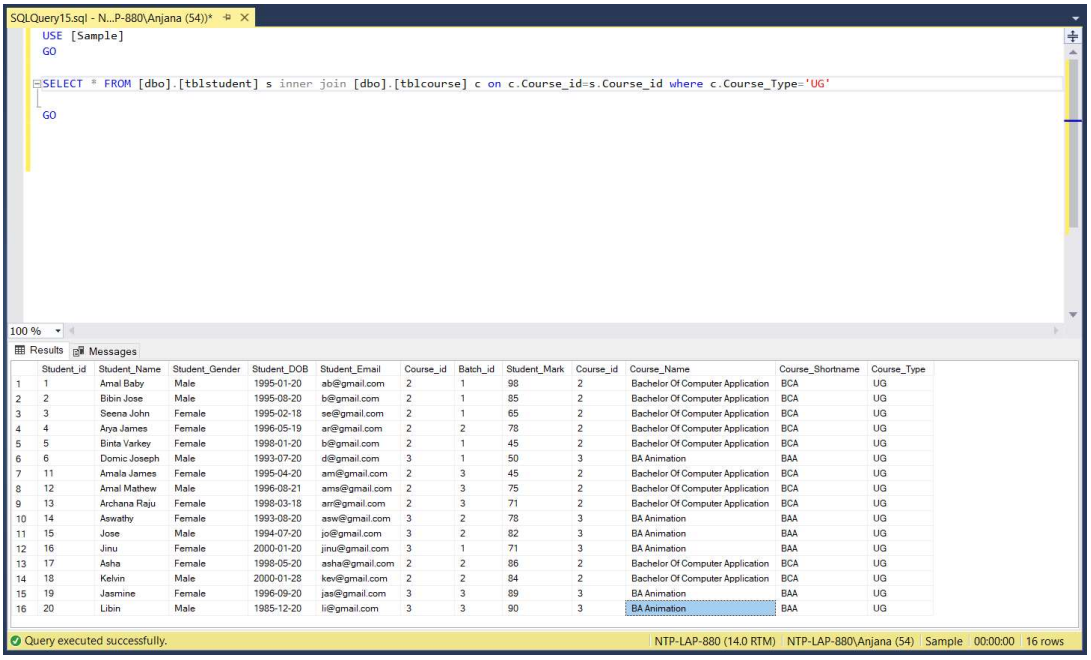


```
USE [Sample]
GO

SELECT c.Course_Shortname as 'Course Name',count(*) as Total_Students FROM [dbo].[tblstudent] s inner join [dbo].[tblcourse] c on
c.Course_id=s.Course_id group by c.Course_Shortname

GO
```

	Course Name	Total_Students
1	BAA	6
2	BCA	10
3	MCA	7

Query executed successfully. NTP-LAP-880 (14.0 RTM) | NTP-LAP-880\Anjana (56) | Sample | 00:00:00 | 3 rows

13. Select the details UG Students.

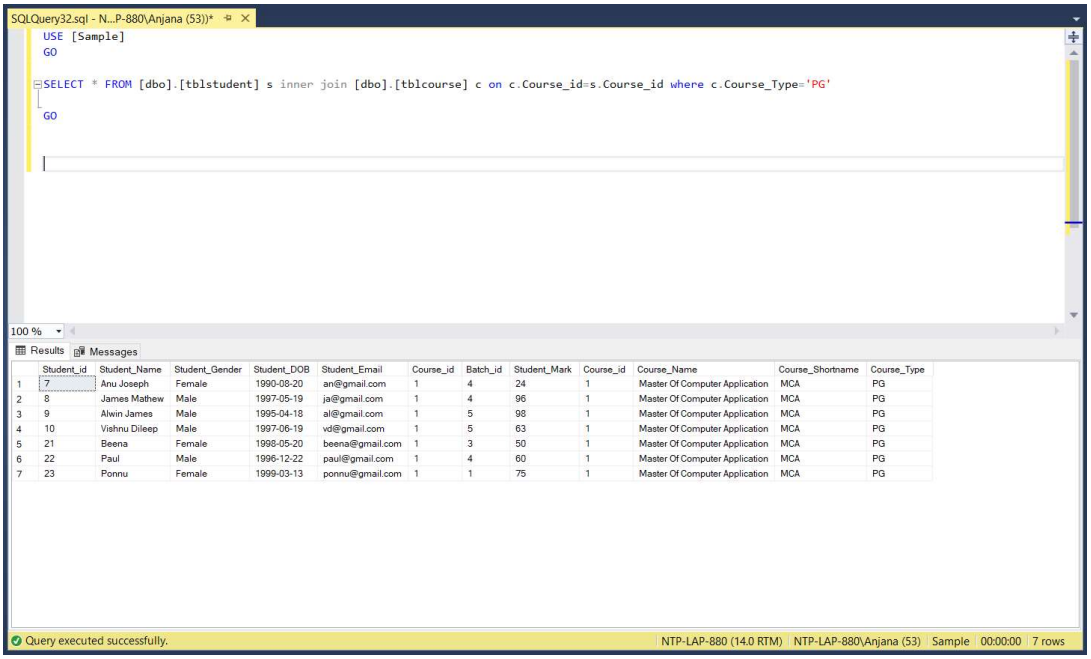


```
USE [Sample]
GO

SELECT * FROM [dbo].[tblstudent] s inner join [dbo].[tblcourse] c on c.Course_id=s.Course_id where c.Course_Type='UG'

GO
```

	Student_id	Student_Name	Student_Gender	Student_DOB	Student_Email	Course_id	Batch_id	Student_Mark	Course_id	Course_Name	Course_Shortname	Course_Type
1	1	Amal Baby	Male	1995-01-20	ab@gmail.com	2	1	98	2	Bachelor Of Computer Application	BCA	UG
2	2	Bibin Jose	Male	1995-08-20	b@gmail.com	2	1	85	2	Bachelor Of Computer Application	BCA	UG
3	3	Seena John	Female	1995-02-18	se@gmail.com	2	1	65	2	Bachelor Of Computer Application	BCA	UG
4	4	Arya James	Female	1996-05-19	ar@gmail.com	2	2	78	2	Bachelor Of Computer Application	BCA	UG
5	5	Binta Varkey	Female	1998-01-20	b@gmail.com	2	1	45	2	Bachelor Of Computer Application	BCA	UG
6	6	Domic Joseph	Male	1993-07-20	d@gmail.com	3	1	50	3	BA Animation	BAA	UG
7	11	Amala James	Female	1995-04-20	am@gmail.com	2	3	45	2	Bachelor Of Computer Application	BCA	UG
8	12	Amal Mathew	Male	1996-08-21	ams@gmail.com	2	3	75	2	Bachelor Of Computer Application	BCA	UG
9	13	Archana Raju	Female	1998-03-18	arr@gmail.com	2	3	71	2	Bachelor Of Computer Application	BCA	UG
10	14	Aswathy	Female	1993-08-20	asw@gmail.com	3	2	78	3	BA Animation	BAA	UG
11	15	Jose	Male	1994-07-20	jo@gmail.com	3	2	82	3	BA Animation	BAA	UG
12	16	Jinu	Female	2000-01-20	jinu@gmail.com	3	1	71	3	BA Animation	BAA	UG
13	17	Asha	Female	1998-05-20	asha@gmail.com	2	2	86	2	Bachelor Of Computer Application	BCA	UG
14	18	Kelvin	Male	2000-01-28	kev@gmail.com	2	2	84	2	Bachelor Of Computer Application	BCA	UG
15	19	Jasmine	Female	1996-09-20	jas@gmail.com	3	3	89	3	BA Animation	BAA	UG
16	20	Libin	Male	1985-12-20	li@gmail.com	3	3	90	3	BA Animation	BAA	UG

Query executed successfully. NTP-LAP-880 (14.0 RTM) | NTP-LAP-880\Anjana (54) | Sample | 00:00:00 | 16 rows

14. Select the details of PG Students.

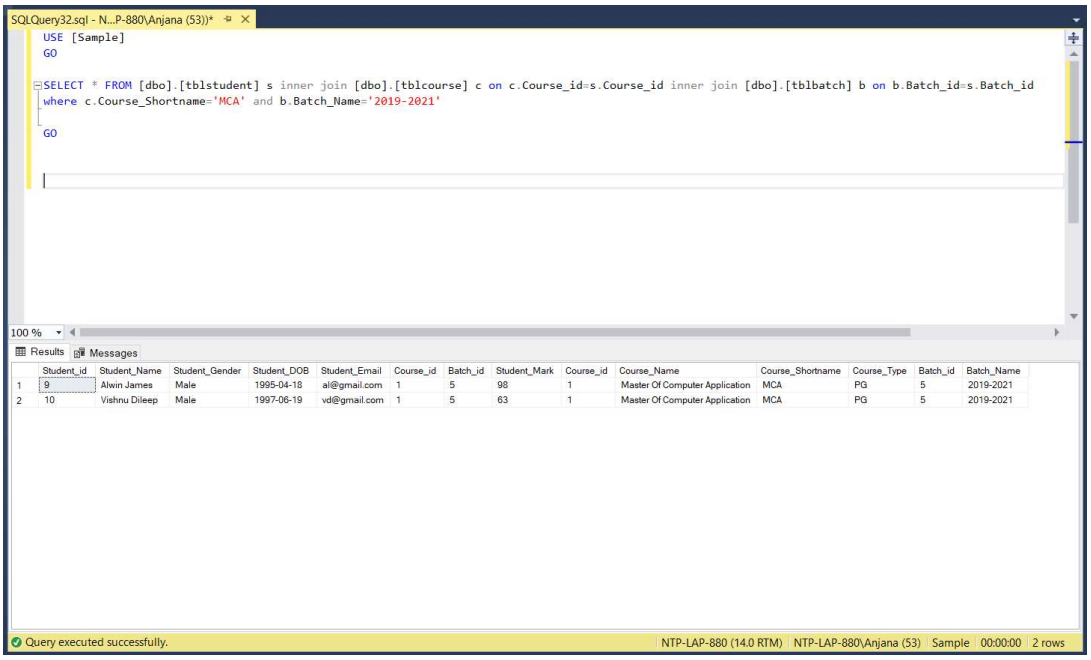


```
USE [Sample]
GO

SELECT * FROM [dbo].[tblstudent] s inner join [dbo].[tblcourse] c on c.Course_id=s.Course_id where c.Course_Type='PG'

GO
```

	Student_id	Student_Name	Student_Gender	Student_DOB	Student_Email	Course_id	Batch_id	Student_Mark	Course_id	Course_Name	Course_Shortname	Course_Type
1	7	Anu Joseph	Female	1990-08-20	an@gmail.com	1	4	24	1	Master Of Computer Application	MCA	PG
2	8	James Mathew	Male	1997-05-19	ja@gmail.com	1	4	96	1	Master Of Computer Application	MCA	PG
3	9	Alwin James	Male	1995-04-18	al@gmail.com	1	5	98	1	Master Of Computer Application	MCA	PG
4	10	Vishnu Dileep	Male	1997-06-19	vd@gmail.com	1	5	63	1	Master Of Computer Application	MCA	PG
5	21	Beena	Female	1998-05-20	beena@gmail.com	1	3	50	1	Master Of Computer Application	MCA	PG
6	22	Paul	Male	1996-12-22	paul@gmail.com	1	4	60	1	Master Of Computer Application	MCA	PG
7	23	Ponnu	Female	1999-03-13	ponnu@gmail.com	1	1	75	1	Master Of Computer Application	MCA	PG

Query executed successfully. NTP-LAP-880 (14.0 RTM) NTP-LAP-880\Anjana (53) Sample 00:00:00 7 rows

15. Select the details of MCA Students whose batch is 2019-2021.

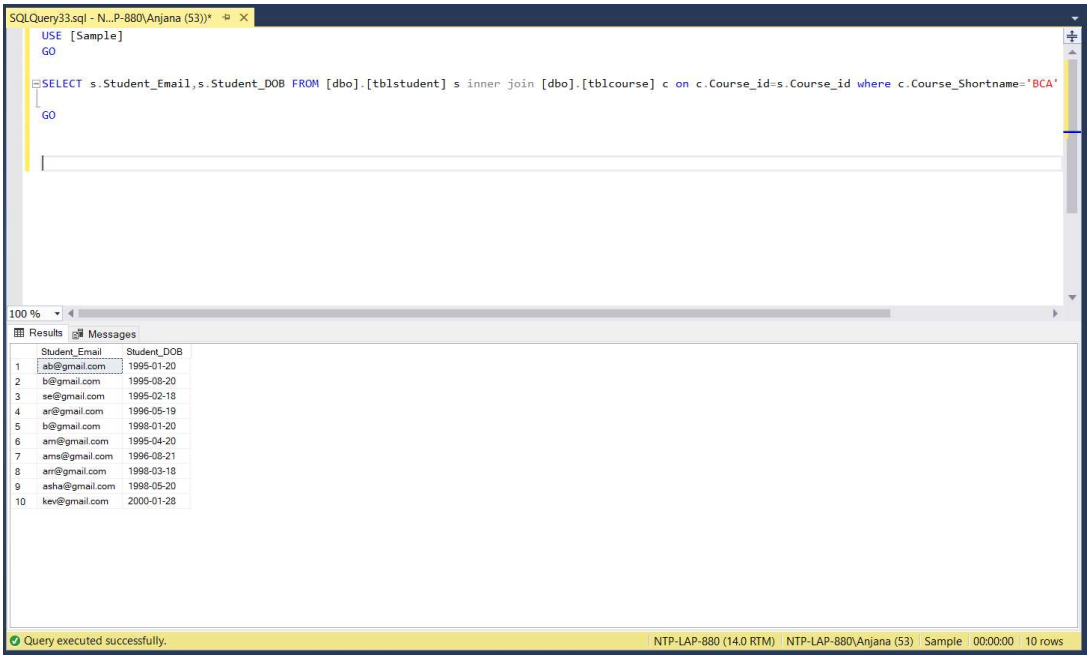


```
USE [Sample]
GO

SELECT * FROM [dbo].[tblstudent] s inner join [dbo].[tblcourse] c on c.Course_id=s.Course_id inner join [dbo].[tblbatch] b on b.Batch_id=s.Batch_id
where c.Course_Shortname='MCA' and b.Batch_Name='2019-2021'

GO
```

	Student_id	Student_Name	Student_Gender	Student_DOB	Student_Email	Course_id	Batch_id	Student_Mark	Course_id	Course_Name	Course_Shortname	Course_Type	Batch_id	Batch_Name
1	9	Alwin James	Male	1995-04-18	al@gmail.com	1	5	98	1	Master Of Computer Application	MCA	PG	5	2019-2021
2	10	Vishnu Dileep	Male	1997-06-19	vd@gmail.com	1	5	63	1	Master Of Computer Application	MCA	PG	5	2019-2021

Query executed successfully. NTP-LAP-880 (14.0 RTM) NTP-LAP-880\Anjana (53) Sample 00:00:00 2 rows

16. Select the email and DOB of BCA Students.

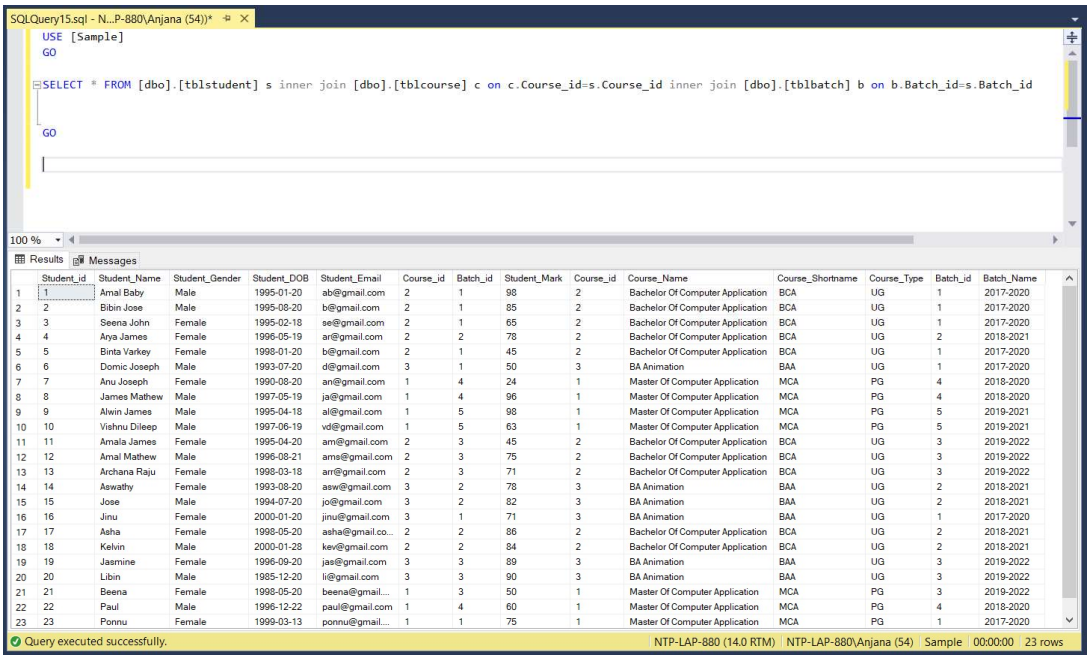


```
USE [Sample]
GO

SELECT s.Student_Email,s.Student_DOB FROM [dbo].[tblstudent] s inner join [dbo].[tblcourse] c on c.Course_id=s.Course_id where c.Course_Shortname='BCA'

GO
```

	Student_Email	Student_DOB
1	ab@gmail.com	1995-01-20
2	b@gmail.com	1995-08-20
3	se@gmail.com	1995-02-18
4	ar@gmail.com	1996-05-19
5	b@gmail.com	1998-01-20
6	am@gmail.com	1995-04-20
7	ams@gmail.com	1996-08-21
8	arr@gmail.com	1998-03-18
9	asha@gmail.com	1998-05-20
10	kev@gmail.com	2000-01-28

Query executed successfully.

17. Select the students details with their course name and batch name.

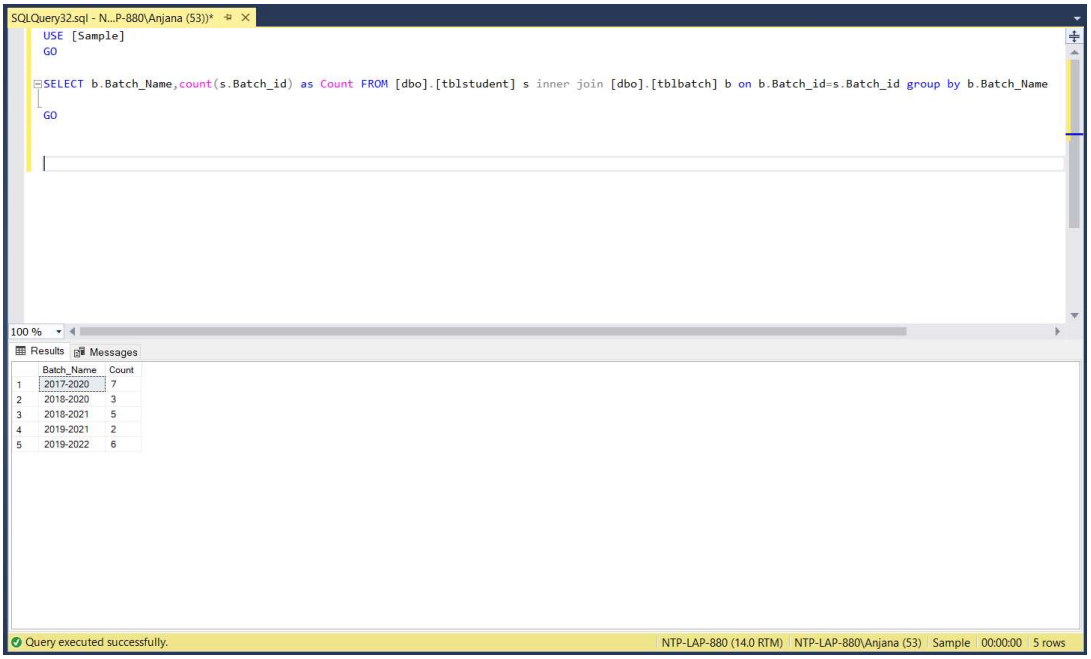


```
USE [Sample]
GO

SELECT * FROM [dbo].[tblstudent] s inner join [dbo].[tblcourse] c on c.Course_id=s.Course_id inner join [dbo].[tblbatch] b on b.Batch_id=s.Batch_id


GO
```

	Student_id	Student_Name	Student_Gender	Student_DOB	Student_Email	Course_id	Batch_id	Student_Mark	Course_id	Course_Name	Course_Shortname	Course_Type	Batch_id	Batch_Name
1	1	Amal Baby	Male	1995-01-20	ab@gmail.com	2	1	98	2	Bachelor Of Computer Application	BCA	UG	1	2017-2020
2	2	Bibin Jose	Male	1995-08-20	b@gmail.com	2	1	85	2	Bachelor Of Computer Application	BCA	UG	1	2017-2020
3	3	Seena John	Female	1995-02-18	se@gmail.com	2	1	65	2	Bachelor Of Computer Application	BCA	UG	1	2017-2020
4	4	Arya James	Female	1996-05-19	ar@gmail.com	2	2	78	2	Bachelor Of Computer Application	BCA	UG	2	2018-2021
5	5	Binta Varkey	Female	1998-01-20	b@gmail.com	2	1	45	2	Bachelor Of Computer Application	BCA	UG	1	2017-2020
6	6	Domic Joseph	Male	1993-07-20	d@gmail.com	3	1	50	3	BA Animation	BAA	UG	1	2017-2020
7	7	Anu Joseph	Female	1990-08-20	an@gmail.com	1	4	24	1	Master Of Computer Application	MCA	PG	4	2018-2020
8	8	James Mathew	Male	1997-05-19	ja@gmail.com	1	4	96	1	Master Of Computer Application	MCA	PG	4	2018-2020
9	9	Alwin James	Male	1995-04-18	al@gmail.com	1	5	98	1	Master Of Computer Application	MCA	PG	5	2019-2021
10	10	Vishnu Dileep	Male	1997-06-19	vd@gmail.com	1	5	63	1	Master Of Computer Application	MCA	PG	5	2019-2021
11	11	Amala James	Female	1995-04-20	am@gmail.com	2	3	45	2	Bachelor Of Computer Application	BCA	UG	3	2019-2022
12	12	Amal Mathew	Male	1996-08-21	ams@gmail.com	2	3	75	2	Bachelor Of Computer Application	BCA	UG	3	2019-2022
13	13	Archana Raju	Female	1998-03-18	arr@gmail.com	2	3	71	2	Bachelor Of Computer Application	BCA	UG	3	2019-2022
14	14	Aswathy	Female	1993-08-20	asw@gmail.com	3	2	78	3	BA Animation	BAA	UG	2	2018-2021
15	15	Jose	Male	1994-07-20	jo@gmail.com	3	2	82	3	BA Animation	BAA	UG	2	2018-2021
16	16	Jinu	Female	2000-01-20	jinu@gmail.com	3	1	71	3	BA Animation	BAA	UG	1	2017-2020
17	17	Asha	Female	1998-05-20	asha@gmail.co...	2	2	86	2	Bachelor Of Computer Application	BCA	UG	2	2018-2021
18	18	Kelvin	Male	2000-01-28	kev@gmail.com	2	2	84	2	Bachelor Of Computer Application	BCA	UG	2	2018-2021
19	19	Jasmine	Female	1996-09-20	jas@gmail.com	3	3	89	3	BA Animation	BAA	UG	3	2019-2022
20	20	Libin	Male	1985-12-20	li@gmail.com	3	3	90	3	BA Animation	BAA	UG	3	2019-2022
21	21	Beena	Female	1998-05-20	beena@gmail....	1	3	50	1	Master Of Computer Application	MCA	PG	3	2019-2022
22	22	Paul	Male	1996-12-22	paul@gmail.com	1	4	60	1	Master Of Computer Application	MCA	PG	4	2018-2020
23	23	Ponnu	Female	1999-03-13	ponnu@gmail....	1	1	75	1	Master Of Computer Application	MCA	PG	1	2017-2020

Query executed successfully.

18. Select Batch name and number of students.

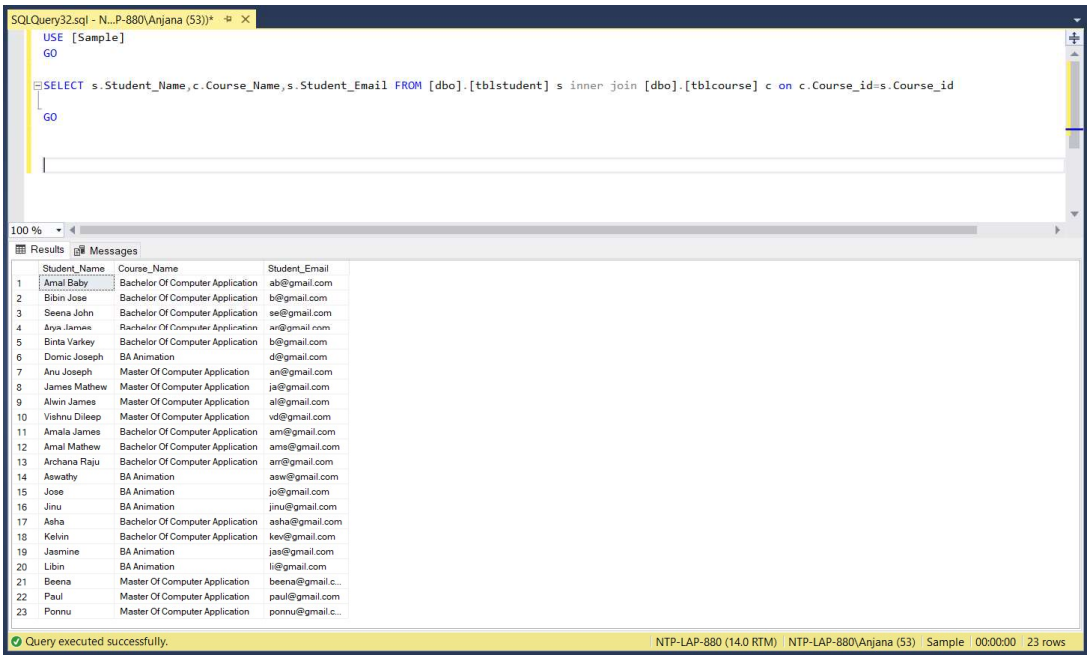


```
USE [Sample]
GO

SELECT b.Batch_Name,count(s.Batch_id) as Count FROM [dbo].[tblstudent] s inner join [dbo].[tblbatch] b on b.Batch_id=s.Batch_id group by b.Batch_Name

GO
```

	Batch_Name	Count
1	2017-2020	7
2	2018-2020	3
3	2018-2021	5
4	2019-2021	2
5	2019-2022	6

Query executed successfully. NTP-LAP-880 (14.0 RTM) | NTP-LAP-880\Anjana (53) | Sample | 00:00:00 | 5 rows

19. Select the students name, course name and students email.

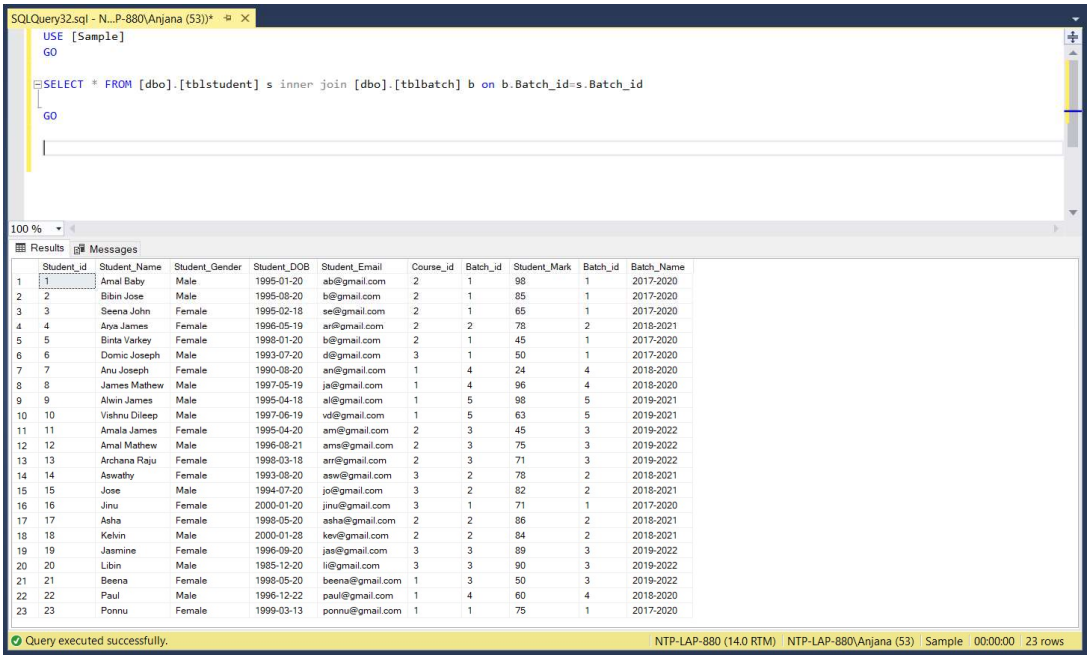


```
USE [Sample]
GO

SELECT s.Student_Name,c.Course_Name,s.Student_Email FROM [dbo].[tblstudent] s inner join [dbo].[tblcourse] c on c.Course_id=s.Course_id

GO
```

	Student_Name	Course_Name	Student_Email
1	Amal Baby	Bachelor Of Computer Application	ab@gmail.com
2	Bibin Jose	Bachelor Of Computer Application	b@gmail.com
3	Seena John	Bachelor Of Computer Application	se@gmail.com
4	Arya James	Bachelor Of Computer Application	ar@gmail.com
5	Binta Varkey	Bachelor Of Computer Application	b@gmail.com
6	Domic Joseph	BA Animation	d@gmail.com
7	Anu Joseph	Master Of Computer Application	an@gmail.com
8	James Mathew	Master Of Computer Application	ja@gmail.com
9	Alwin James	Master Of Computer Application	al@gmail.com
10	Vishnu Dileep	Master Of Computer Application	vd@gmail.com
11	Amala James	Bachelor Of Computer Application	am@gmail.com
12	Amal Mathew	Bachelor Of Computer Application	ame@gmail.com
13	Archana Raju	Bachelor Of Computer Application	arr@gmail.com
14	Aswathy	BA Animation	asw@gmail.com
15	Jose	BA Animation	jo@gmail.com
16	Jinu	BA Animation	jinu@gmail.com
17	Asha	Bachelor Of Computer Application	asha@gmail.com
18	Kelvin	Bachelor Of Computer Application	kev@gmail.com
19	Jasmine	BA Animation	jas@gmail.com
20	Libin	BA Animation	li@gmail.com
21	Beena	Master Of Computer Application	beena@gmail.c...
22	Paul	Master Of Computer Application	paul@gmail.com
23	Ponnu	Master Of Computer Application	ponnu@gmail.c...

Query executed successfully. NTP-LAP-880 (14.0 RTM) | NTP-LAP-880\Anjana (53) | Sample | 00:00:00 | 23 rows

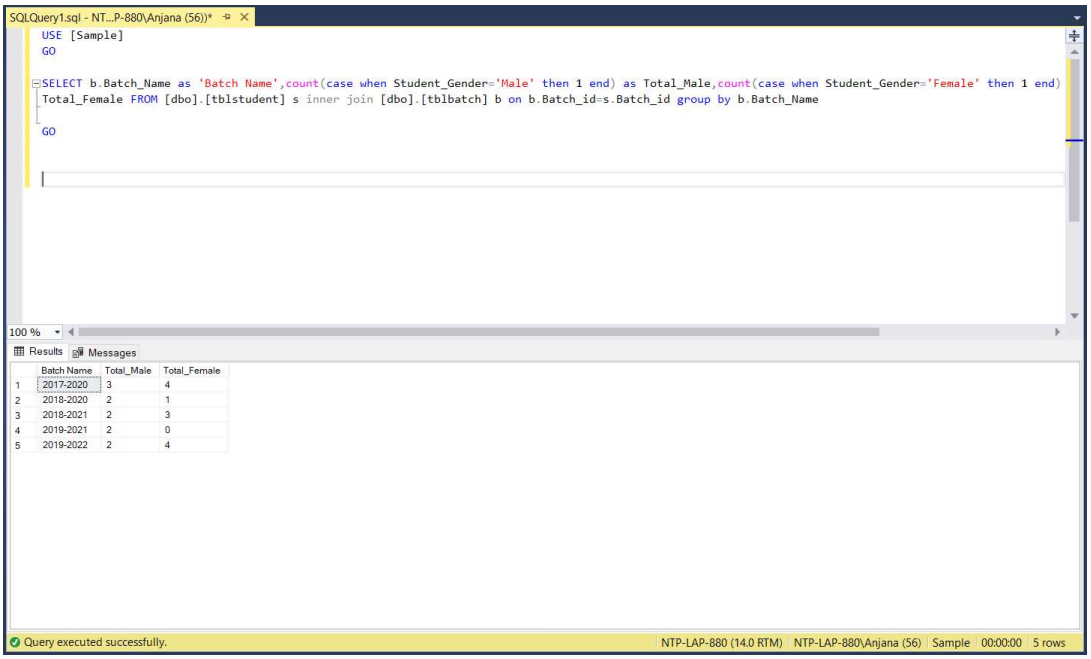
20. Select the Students details and their Batch name also.



```
USE [Sample]
GO

SELECT * FROM [dbo].[tblstudent] s inner join [dbo].[tblbatch] b on b.Batch_id=s.Batch_id

GO
```

	Student_id	Student_Name	Student_Gender	Student_DOB	Student_Email	Course_id	Batch_id	Student_Mark	Batch_id	Batch_Name
1	1	Amal Baby	Male	1995-01-20	ab@gmail.com	2	1	98	1	2017-2020
2	2	Bibin Jose	Male	1995-08-20	b@gmail.com	2	1	85	1	2017-2020
3	3	Seena John	Female	1995-02-18	se@gmail.com	2	1	65	1	2017-2020
4	4	Arya James	Female	1996-05-19	ar@gmail.com	2	2	78	2	2018-2021
5	5	Binta Varkey	Female	1998-01-20	b@gmail.com	2	1	45	1	2017-2020
6	6	Domic Joseph	Male	1993-07-20	d@gmail.com	3	1	50	1	2017-2020
7	7	Anu Joseph	Female	1990-08-20	an@gmail.com	1	4	24	4	2018-2020
8	8	James Mathew	Male	1997-05-19	ja@gmail.com	1	4	96	4	2018-2020
9	9	Alwin James	Male	1995-04-18	al@gmail.com	1	5	98	5	2019-2021
10	10	Vishnu Dileep	Male	1997-06-19	vd@gmail.com	1	5	63	5	2019-2021
11	11	Amala James	Female	1995-04-20	am@gmail.com	2	3	45	3	2019-2022
12	12	Amal Mathew	Male	1996-08-21	ams@gmail.com	2	3	75	3	2019-2022
13	13	Archana Raju	Female	1998-03-18	arr@gmail.com	2	3	71	3	2019-2022
14	14	Aswathy	Female	1993-08-20	asw@gmail.com	3	2	78	2	2018-2021
15	15	Jose	Male	1994-07-20	jo@gmail.com	3	2	82	2	2018-2021
16	16	Jinu	Female	2000-01-20	jinu@gmail.com	3	1	71	1	2017-2020
17	17	Asha	Female	1998-05-20	asha@gmail.com	2	2	86	2	2018-2021
18	18	Kelvin	Male	2000-01-28	kev@gmail.com	2	2	84	2	2018-2021
19	19	Jasmine	Female	1996-09-20	jas@gmail.com	3	3	89	3	2019-2022
20	20	Libin	Male	1985-12-20	li@gmail.com	3	3	90	3	2019-2022
21	21	Beena	Female	1998-05-20	beena@gmail.com	1	3	50	3	2019-2022
22	22	Paul	Male	1996-12-22	paul@gmail.com	1	4	60	4	2018-2020
23	23	Ponnu	Female	1999-03-13	ponnu@gmail.com	1	1	75	1	2017-2020

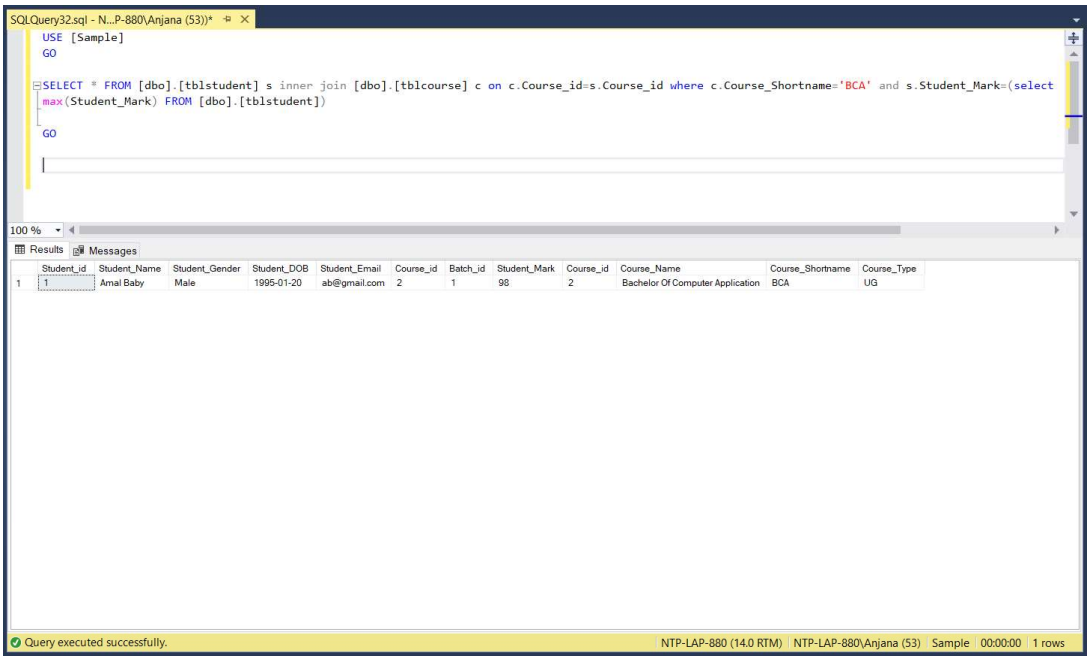
21. Select the count of male and female students in batch wise.



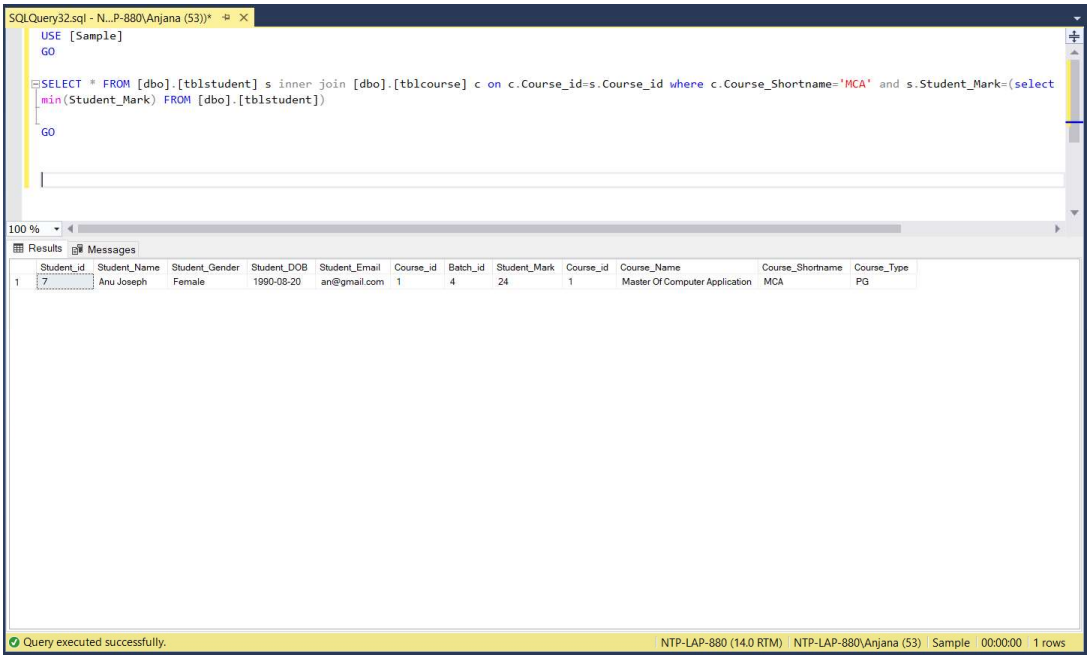
```
USE [Sample]
GO

SELECT b.Batch_Name as 'Batch Name',count(case when Student_Gender='Male' then 1 end) as Total_Male,count(case when Student_Gender='Female' then 1 end)
Total_Female FROM [dbo].[tblstudent] s inner join [dbo].[tblbatch] b on b.Batch_id=s.Batch_id group by b.Batch_Name

GO
```

	Batch Name	Total_Male	Total_Female
1	2017-2020	3	4
2	2018-2020	2	1
3	2018-2021	2	3
4	2019-2021	2	0
5	2019-2022	2	4

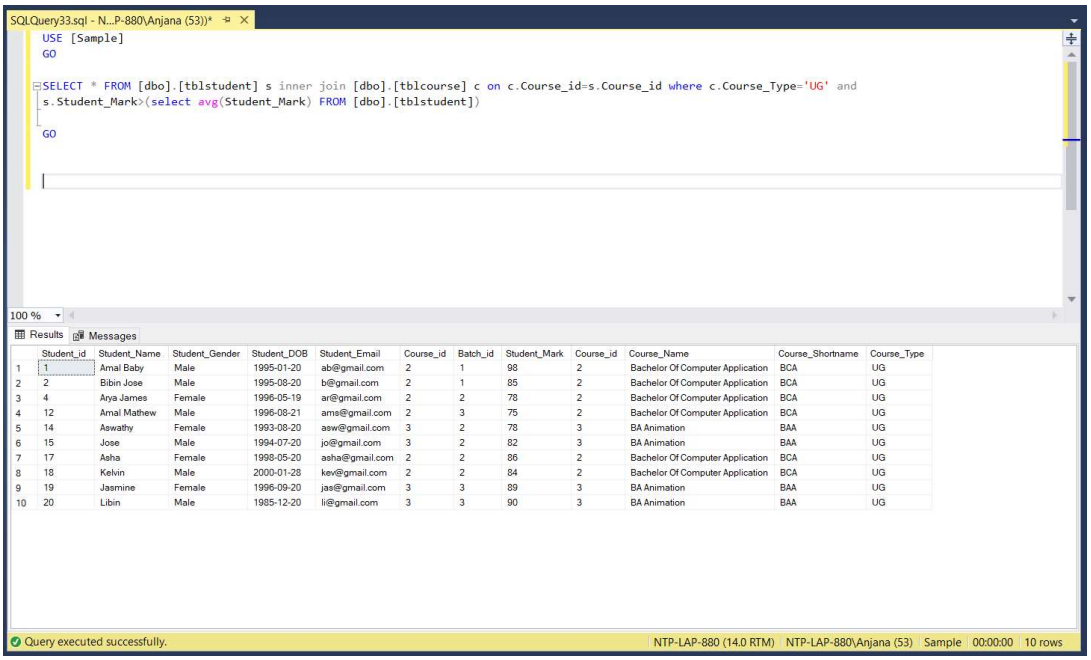
22. Select the name of the BCA Student who have Maximum Mark.



23. Select the Male MCA Student who have Minimum Mark.



24. Select the students details of UG Students who have greater than the average mark.

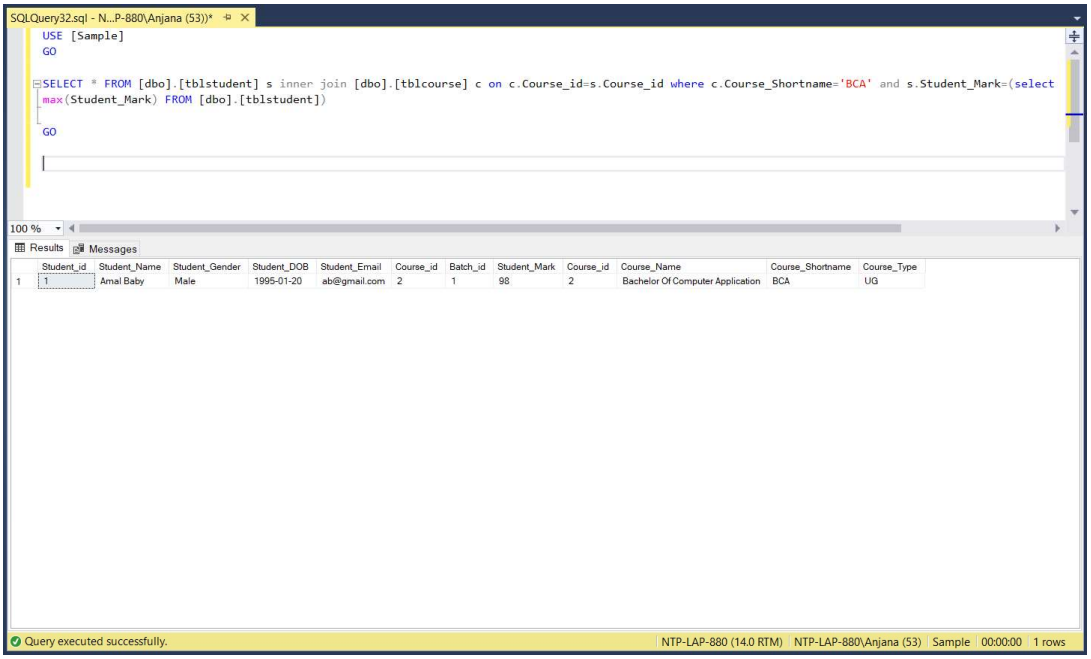


```
USE [Sample]
GO

SELECT * FROM [dbo].[tblstudent] s inner join [dbo].[tblcourse] c on c.Course_id=s.Course_id where c.Course_Type='UG' and
s.Student_Mark>(select avg(Student_Mark) FROM [dbo].[tblstudent])

GO
```

	Student_id	Student_Name	Student_Gender	Student_DOB	Student_Email	Course_id	Batch_id	Student_Mark	Course_id	Course_Name	Course_Shortname	Course_Type
1	1	Amal Baby	Male	1995-01-20	ab@gmail.com	2	1	98	2	Bachelor Of Computer Application	BCA	UG
2	2	Bibin Jose	Male	1995-08-20	b@gmail.com	2	1	85	2	Bachelor Of Computer Application	BCA	UG
3	4	Arya James	Female	1996-05-19	ar@gmail.com	2	2	78	2	Bachelor Of Computer Application	BCA	UG
4	12	Amal Mathew	Male	1996-08-21	ams@gmail.com	2	3	75	2	Bachelor Of Computer Application	BCA	UG
5	14	Aswathy	Female	1993-08-20	asw@gmail.com	3	2	78	3	BA Animation	BAA	UG
6	15	Jose	Male	1994-07-20	jo@gmail.com	3	2	82	3	BA Animation	BAA	UG
7	17	Asha	Female	1998-05-20	asha@gmail.com	2	2	86	2	Bachelor Of Computer Application	BCA	UG
8	18	Kelvin	Male	2000-01-28	kev@gmail.com	2	2	84	2	Bachelor Of Computer Application	BCA	UG
9	19	Jasmine	Female	1996-09-20	jas@gmail.com	3	3	89	3	BA Animation	BAA	UG
10	20	Libin	Male	1985-12-20	li@gmail.com	3	3	90	3	BA Animation	BAA	UG

Query executed successfully. NTP-LAP-880 (14.0 RTM) NTP-LAP-880\Anjana (53) Sample 00:00:00 10 rows

25. Select the BCA student details who have Max Mark.

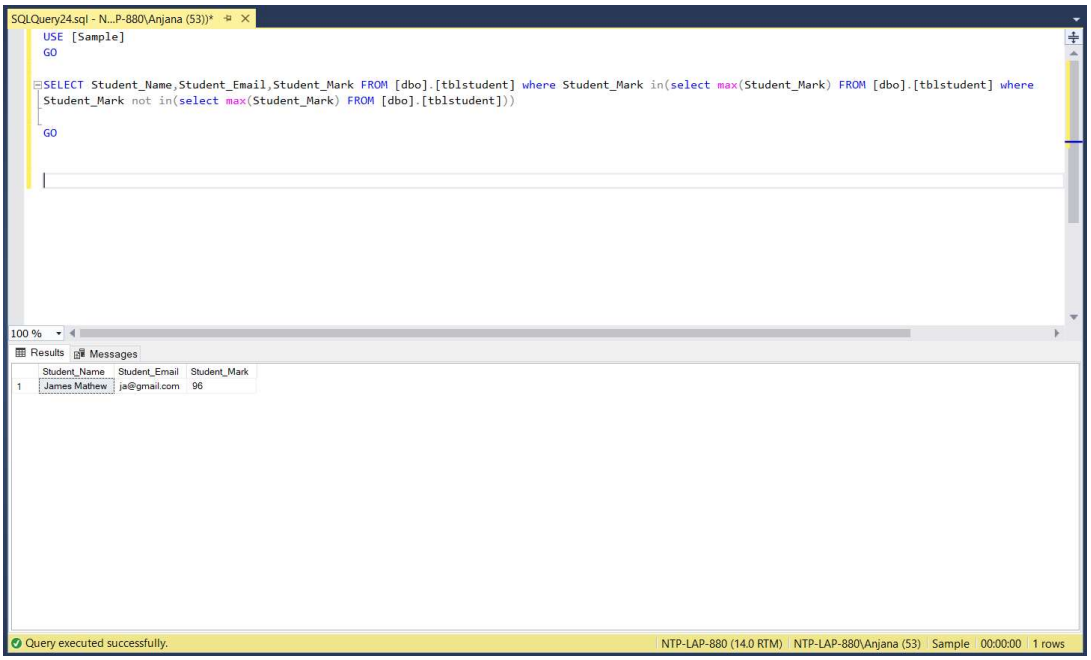


```
USE [Sample]
GO

SELECT * FROM [dbo].[tblstudent] s inner join [dbo].[tblcourse] c on c.Course_id=s.Course_id where c.Course_Shortname='BCA' and s.Student_Mark=(select
max(Student_Mark) FROM [dbo].[tblstudent])

GO
```

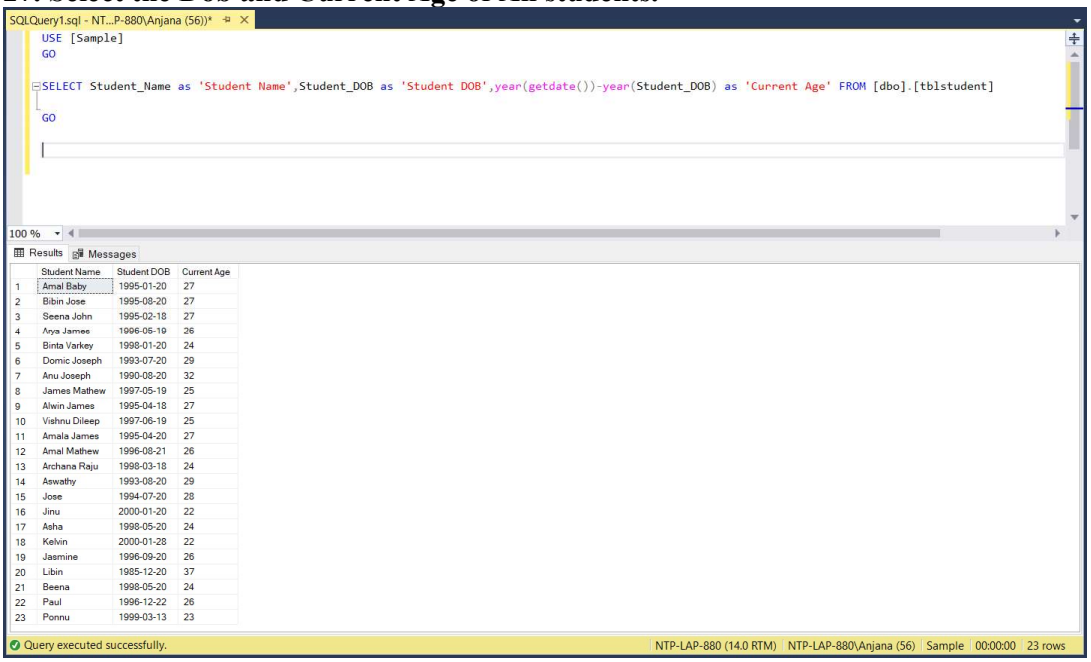
	Student_id	Student_Name	Student_Gender	Student_DOB	Student_Email	Course_id	Batch_id	Student_Mark	Course_id	Course_Name	Course_Shortname	Course_Type
1	1	Amal Baby	Male	1995-01-20	ab@gmail.com	2	1	98	2	Bachelor Of Computer Application	BCA	UG

Query executed successfully. NTP-LAP-880 (14.0 RTM) NTP-LAP-880\Anjana (53) Sample 00:00:00 1 rows

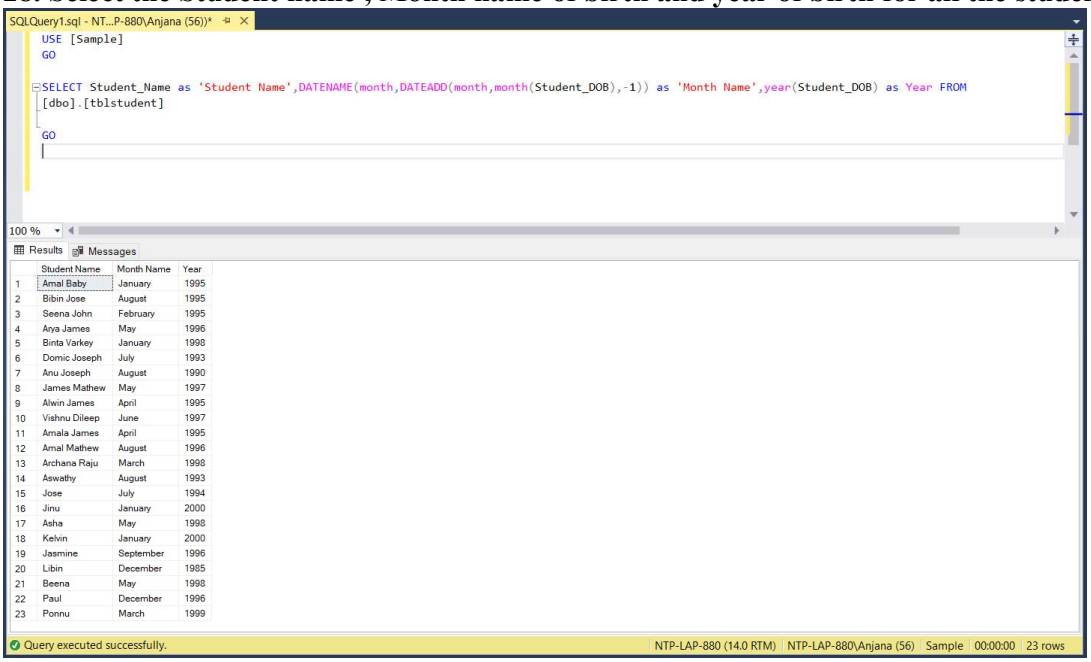
26. Select Name and Email of the students who have second highest mark.



27. Select the Dob and Current Age of All students.



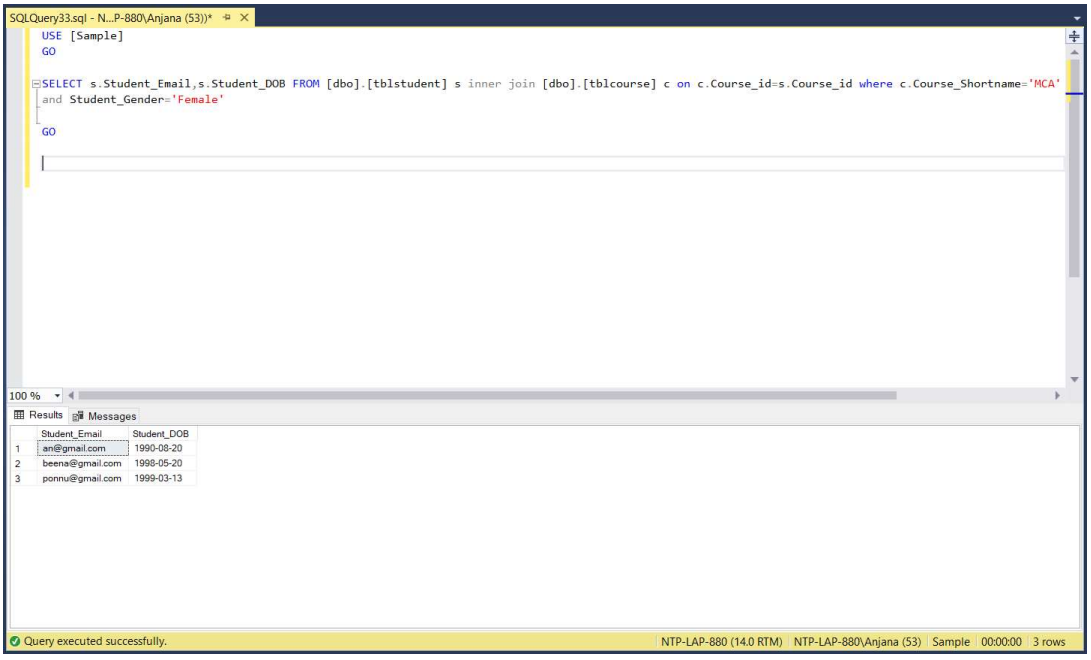
28. Select the Student name , Month name of birth and year of birth for all the students.



```
USE [Sample]
GO

SELECT Student_Name as 'Student Name',DATENAME(month,DATEADD(month,month(Student_DOB),-1)) as 'Month Name',year(Student_DOB) as Year FROM
[dbo].[tblstudent]

GO
```

	Student Name	Month Name	Year
1	Amal Baby	January	1995
2	Bibin Jose	August	1995
3	Seena John	February	1995
4	Arya James	May	1996
5	Binta Varkey	January	1998
6	Domic Joseph	July	1993
7	Anu Joseph	August	1990
8	James Mathew	May	1997
9	Alwin James	April	1995
10	Vishnu Dileep	June	1997
11	Amala James	April	1995
12	Amal Mathew	August	1996
13	Archana Raju	March	1998
14	Aswathy	August	1993
15	Jose	July	1994
16	Jinu	January	2000
17	Asha	May	1998
18	Kelvin	January	2000
19	Jasmine	September	1996
20	Libin	December	1985
21	Beena	May	1998
22	Paul	December	1996
23	Ponnu	March	1999

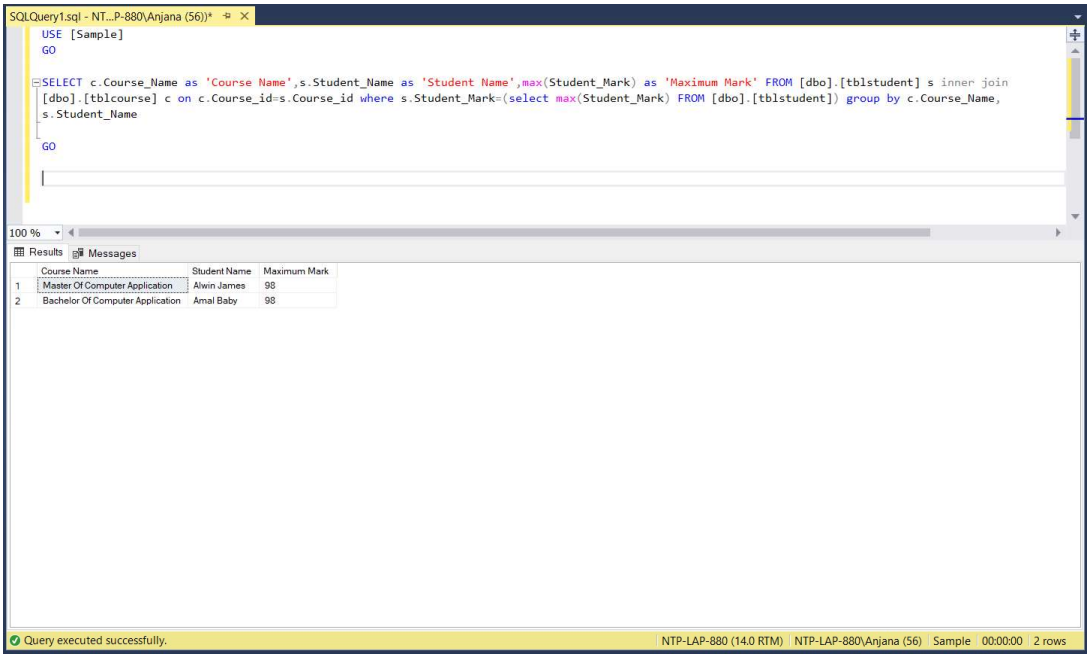
29. Select the Email and Student DOB of MCA Female Students.



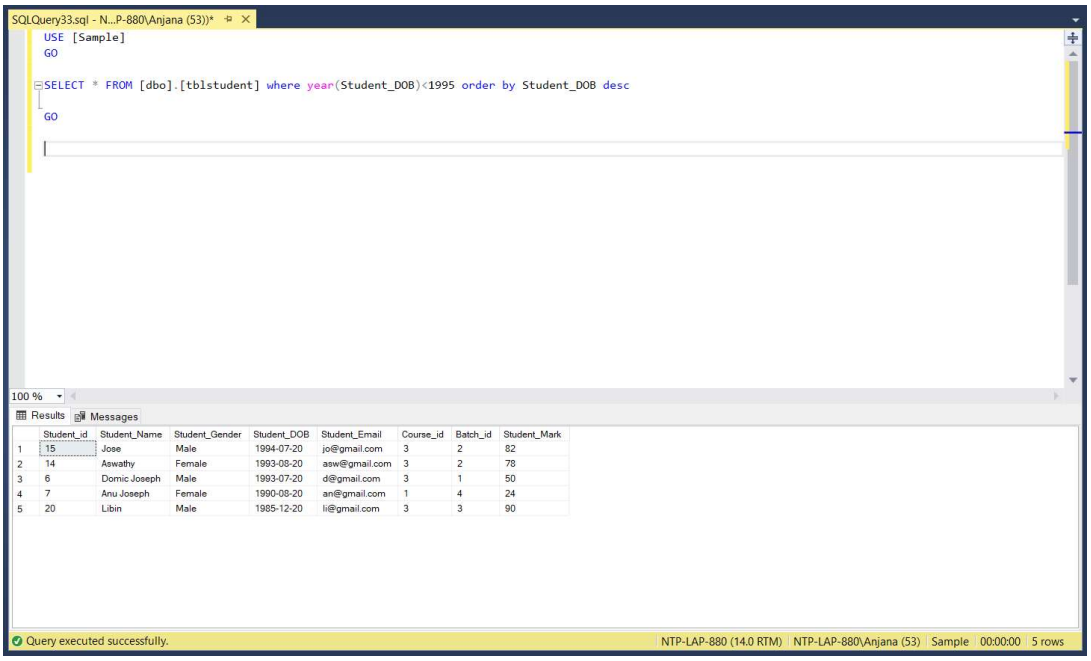
```
USE [Sample]
GO

SELECT s.Student_Email,s.Student_DOB FROM [dbo].[tblstudent] s inner join [dbo].[tblcourse] c on c.Course_id=s.Course_id where c.Course_Shortname='MCA'
and Student_Gender='Female'

GO
```

	Student_Email	Student_DOB
1	an@gmail.com	1990-08-20
2	beena@gmail.com	1998-05-20
3	ponnu@gmail.com	1999-03-13

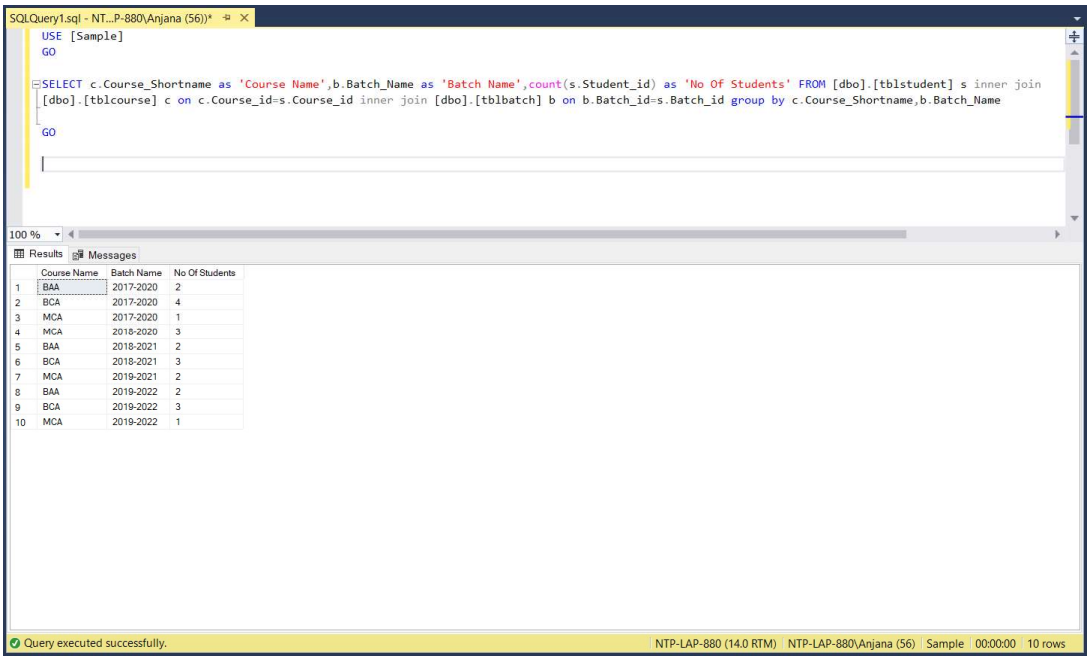
30. Select the name of all the students who have maximum mark in course wise.



31. Select the Details students whose year of birth less than 1995.



32. Select the Course short name, Batch name , total number of students in batch and Course wise.

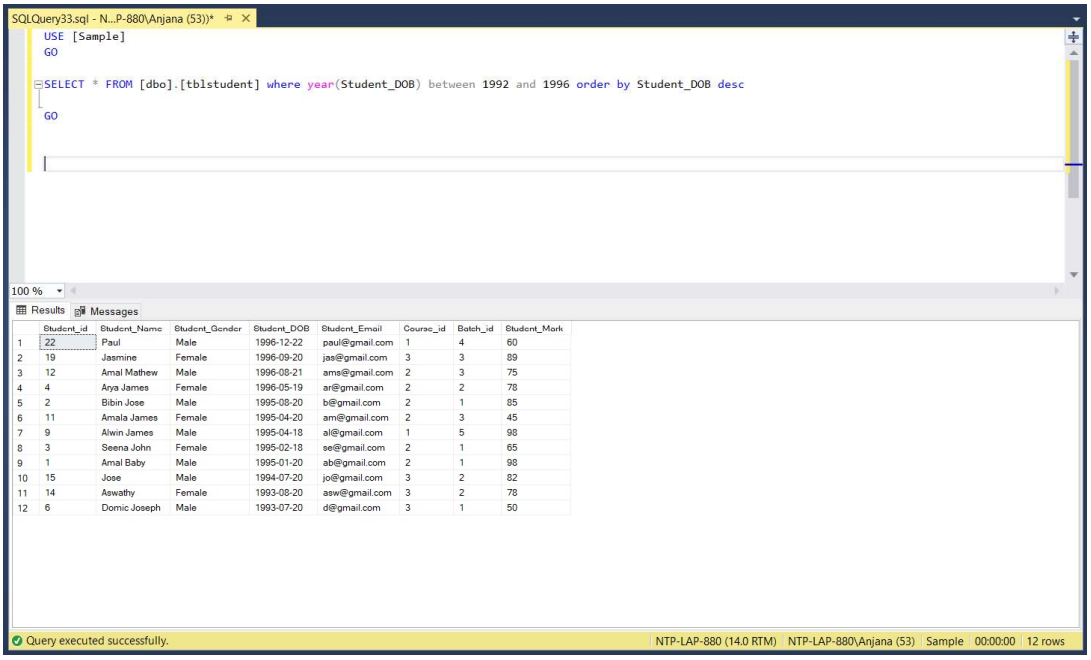


```
USE [Sample]
GO

SELECT c.Course_Shortname as 'Course Name',b.Batch_Name as 'Batch Name',count(s.Student_id) as 'No Of Students' FROM [dbo].[tblstudent] s inner join
[dbo].[tblcourse] c on c.Course_id=s.Course_id inner join [dbo].[tblbatch] b on b.Batch_id=s.Batch_id group by c.Course_Shortname,b.Batch_Name

GO
```

	Course Name	Batch Name	No Of Students
1	BAA	2017-2020	2
2	BCA	2017-2020	4
3	MCA	2017-2020	1
4	MCA	2018-2020	3
5	BAA	2018-2021	2
6	BCA	2018-2021	3
7	MCA	2019-2021	2
8	BAA	2019-2022	2
9	BCA	2019-2022	3
10	MCA	2019-2022	1

Query executed successfully. NTP-LAP-880 (14.0 RTM) NTP-LAP-880\Anjana (56) Sample 00:00:00 10 rows

33. Select details of BCA Students whose year of birth between 1992 and 1996.

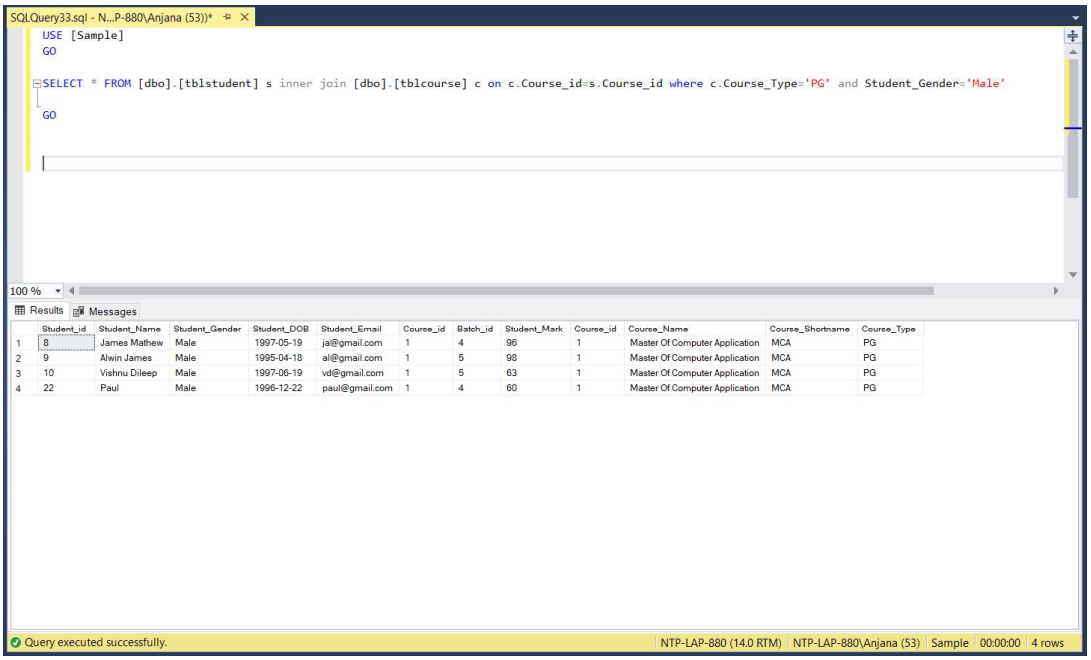


```
USE [Sample]
GO

SELECT * FROM [dbo].[tblstudent] where year(Student_DOB) between 1992 and 1996 order by Student_DOB desc

GO
```

	Student_id	Student_Name	Student_Gender	Student_DOB	Student_Email	Course_id	Batch_id	Student_Mark
1	22	Paul	Male	1996-12-22	paul@gmail.com	1	4	60
2	19	Jasmine	Female	1996-09-20	jas@gmail.com	3	3	89
3	12	Amal Mathew	Male	1996-08-21	ams@gmail.com	2	3	75
4	4	Arya James	Female	1996-05-19	ar@gmail.com	2	2	78
5	2	Bibin Jose	Male	1995-08-20	b@gmail.com	2	1	85
6	11	Amala James	Female	1995-04-20	am@gmail.com	2	3	45
7	9	Alwin James	Male	1995-04-18	al@gmail.com	1	5	98
8	3	Seena John	Female	1995-02-18	se@gmail.com	2	1	65
9	1	Amal Baby	Male	1995-01-20	ab@gmail.com	2	1	98
10	15	Jose	Male	1994-07-20	jo@gmail.com	3	2	82
11	14	Aswathy	Female	1993-08-20	asw@gmail.com	3	2	78
12	6	Domic Joseph	Male	1993-07-20	d@gmail.com	3	1	50

Query executed successfully. NTP-LAP-880 (14.0 RTM) NTP-LAP-880\Anjana (53) Sample 00:00:00 12 rows

34. Select the details of Male PG Students.

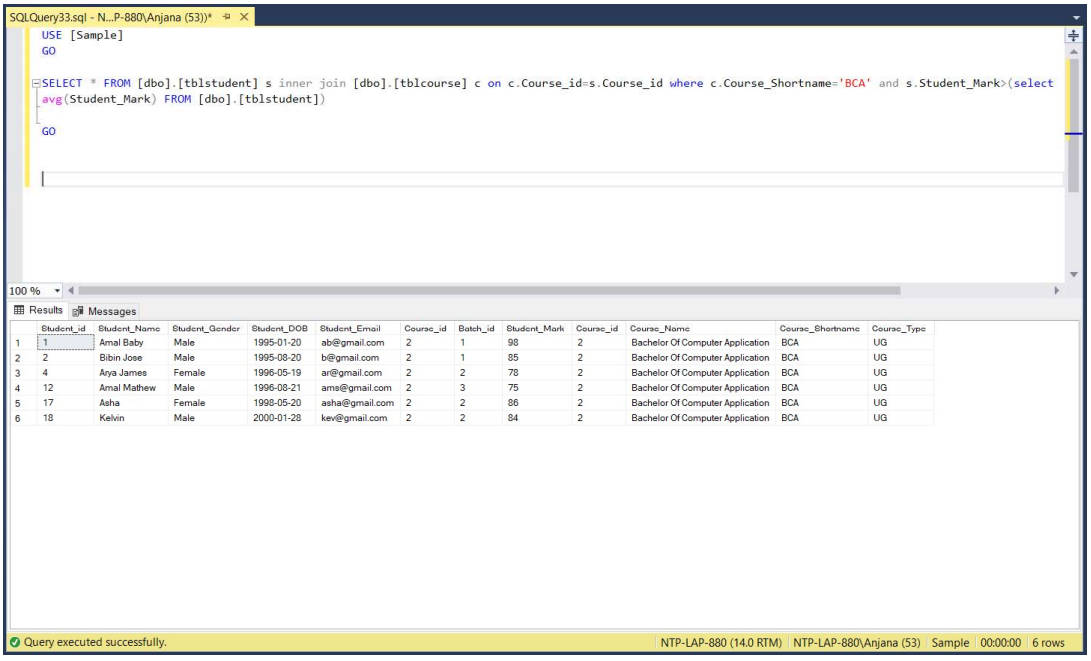


```
USE [Sample]
GO

SELECT * FROM [dbo].[tblstudent] s inner join [dbo].[tblcourse] c on c.Course_id=s.Course_id where c.Course_Type='PG' and Student_Gender='Male'

GO
```

	Student_id	Student_Name	Student_Gender	Student_DOB	Student_Email	Course_id	Batch_id	Student_Mark	Course_id	Course_Name	Course_Shortname	Course_Type
1	8	James Mathew	Male	1997-05-19	ja@gmail.com	1	4	96	1	Master Of Computer Application	MCA	PG
2	9	Alwin James	Male	1995-04-18	al@gmail.com	1	5	98	1	Master Of Computer Application	MCA	PG
3	10	Vishnu Dileep	Male	1997-06-19	vd@gmail.com	1	5	63	1	Master Of Computer Application	MCA	PG
4	22	Paul	Male	1996-12-22	paul@gmail.com	1	4	60	1	Master Of Computer Application	MCA	PG

Query executed successfully. NTP-LAP-880 (14.0 RTM) NTP-LAP-880\Anjana (53) Sample 00:00:00 4 rows

35. Select the details of BCA Students who have greater than average mark.

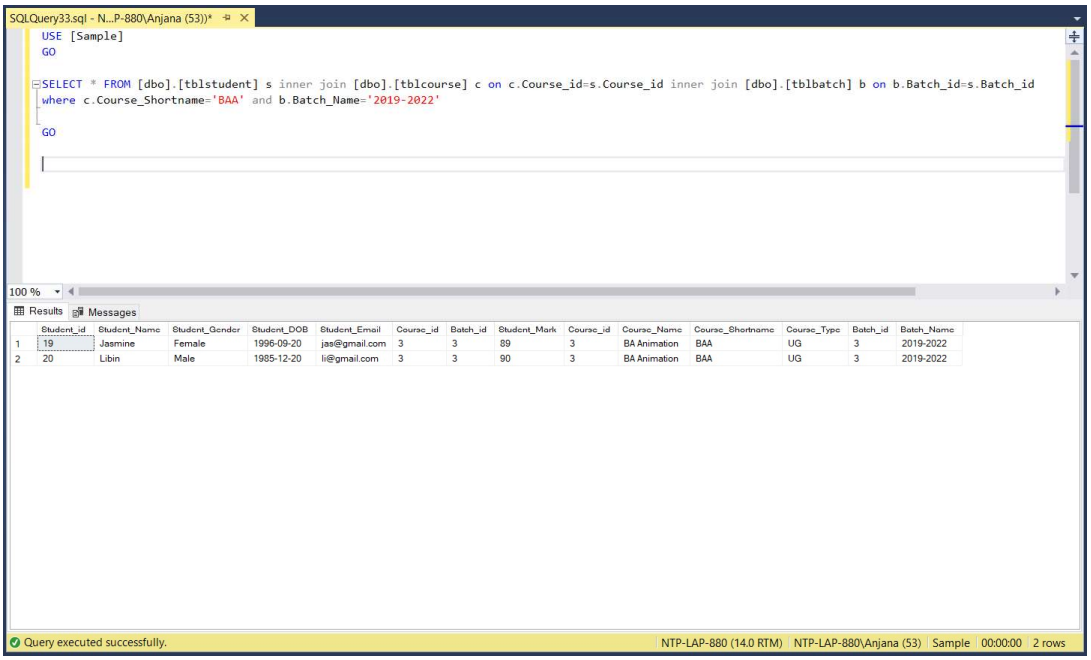


```
USE [Sample]
GO

SELECT * FROM [dbo].[tblstudent] s inner join [dbo].[tblcourse] c on c.Course_id=s.Course_id where c.Course_Shortname='BCA' and s.Student_Mark>(select
avg(Student_Mark) FROM [dbo].[tblstudent])

GO
```

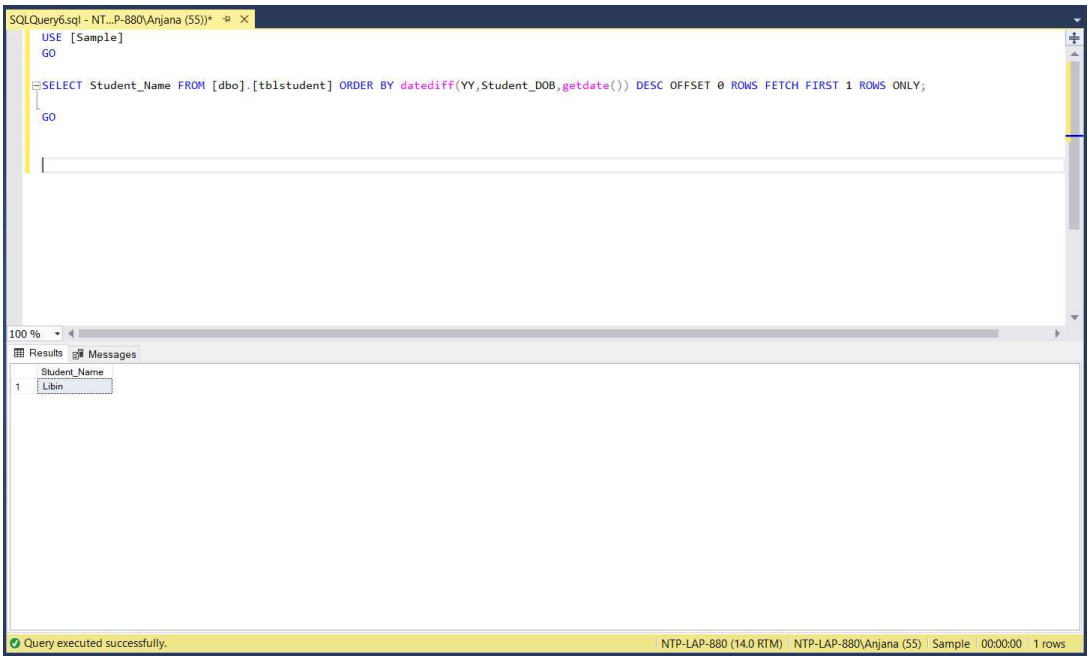
	Student_id	Student_Name	Student_Gender	Student_DOB	Student_Email	Course_id	Batch_id	Student_Mark	Course_id	Course_Name	Course_Shortname	Course_Type
1	1	Amal Baby	Male	1995-01-20	ab@gmail.com	2	1	98	2	Bachelor Of Computer Application	BCA	UG
2	2	Bibin Jose	Male	1995-08-20	b@gmail.com	2	1	85	2	Bachelor Of Computer Application	BCA	UG
3	4	Arya James	Female	1996-05-19	ar@gmail.com	2	2	78	2	Bachelor Of Computer Application	BCA	UG
4	12	Amal Mathew	Male	1996-08-21	ams@gmail.com	2	3	75	2	Bachelor Of Computer Application	BCA	UG
5	17	Asha	Female	1998-05-20	asha@gmail.com	2	2	86	2	Bachelor Of Computer Application	BCA	UG
6	18	Kelvin	Male	2000-01-28	kev@gmail.com	2	2	84	2	Bachelor Of Computer Application	BCA	UG

Query executed successfully. NTP-LAP-880 (14.0 RTM) NTP-LAP-880\Anjana (53) Sample 00:00:00 6 rows

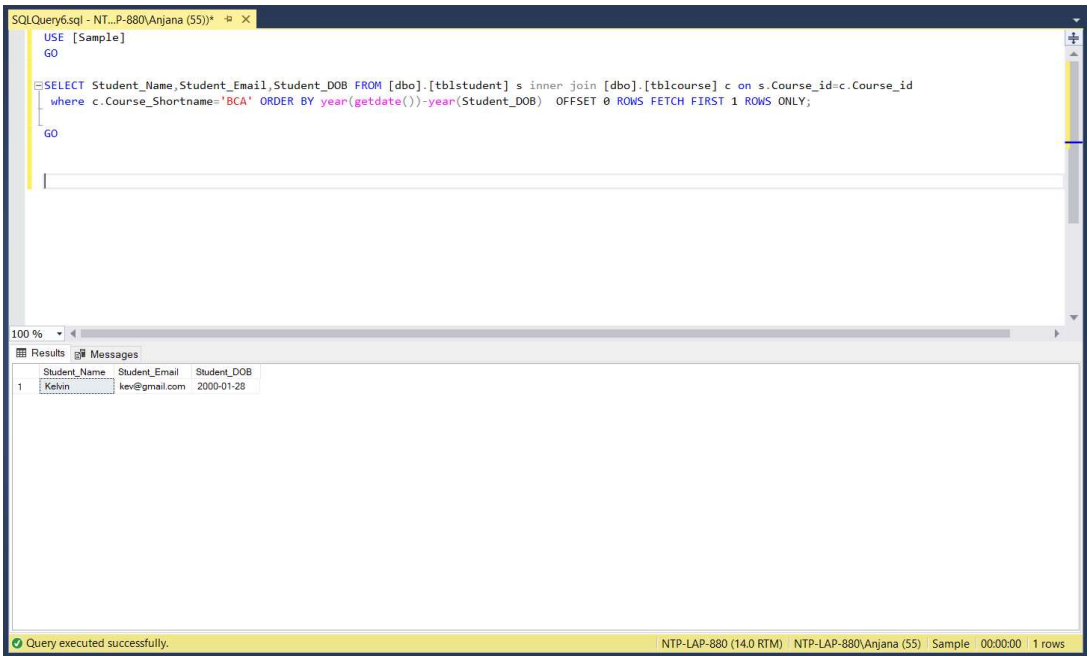
36. Select the details BAA – 2019-2022 Batch Students.



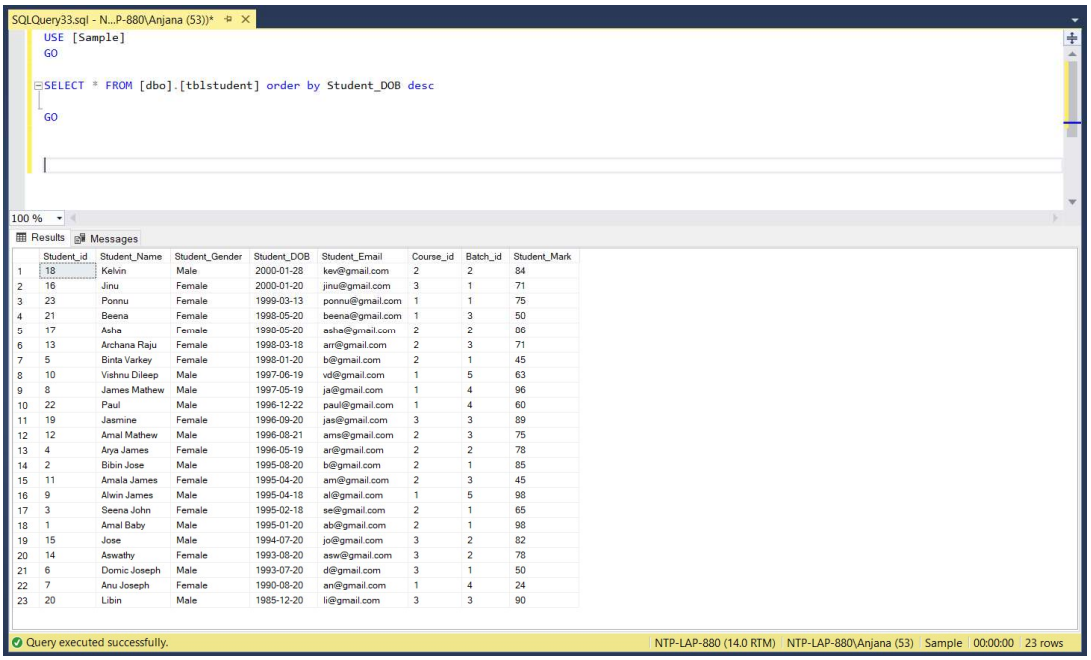
37. Select the name of student having maximum age.



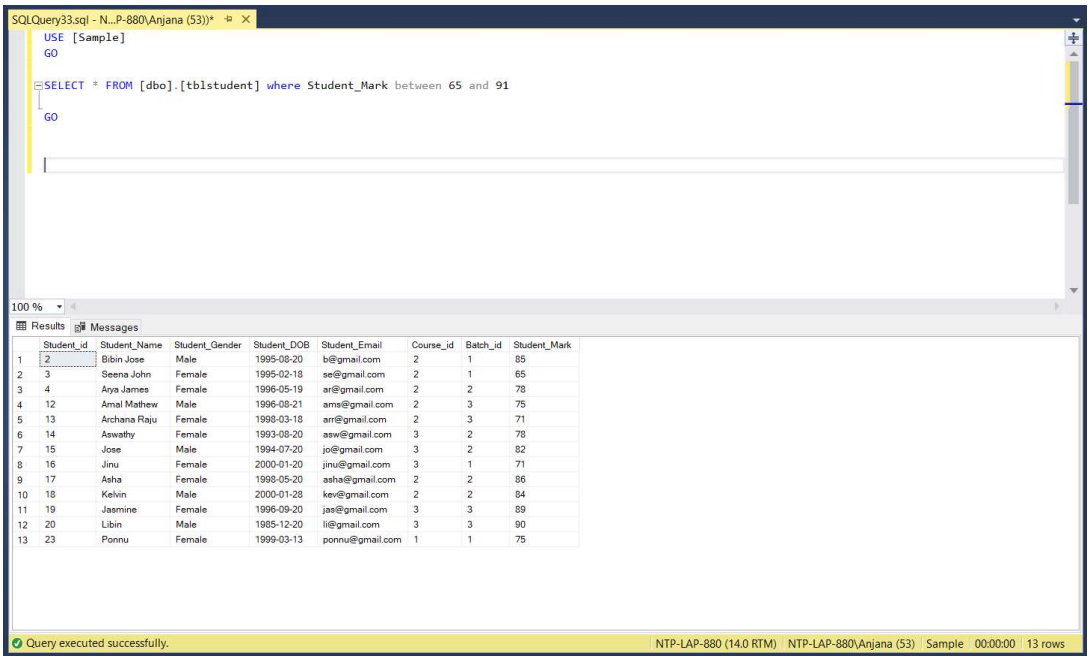
38. Select the name and email of the BCA Students whose have Minimum age.



39. Select the details of the students in descending order of their DOB.



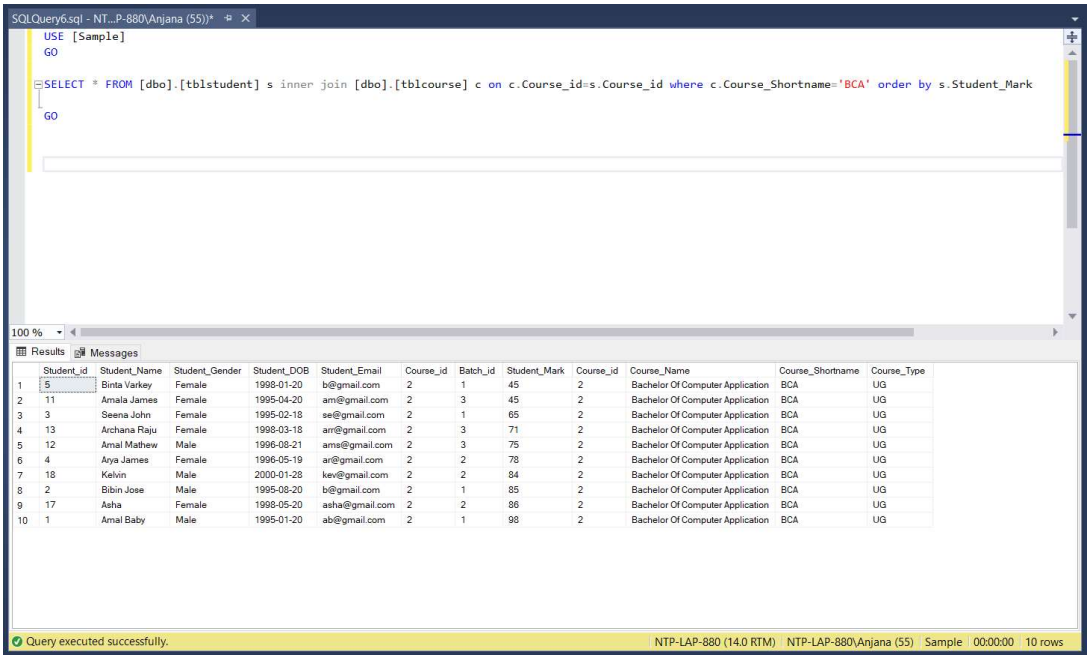
40. Select the details of the students have mark between 65 and 91.



```
USE [Sample]
GO

SELECT * FROM [dbo].[tblstudent] where Student_Mark between 65 and 91

GO
```

	Student_id	Student_Name	Student_Gender	Student_DOB	Student_Email	Course_id	Batch_id	Student_Mark
1	2	Bibin Jose	Male	1995-08-20	b@gmail.com	2	1	85
2	3	Seena John	Female	1995-02-18	se@gmail.com	2	1	65
3	4	Arya James	Female	1996-05-19	ar@gmail.com	2	2	78
4	12	Amal Mathew	Male	1996-08-21	ams@gmail.com	2	3	75
5	13	Archana Raju	Female	1998-03-18	arr@gmail.com	2	3	71
6	14	Aswathy	Female	1993-08-20	asw@gmail.com	3	2	78
7	15	Jose	Male	1994-07-20	jo@gmail.com	3	2	82
8	16	Jinu	Female	2000-01-20	jinu@gmail.com	3	1	71
9	17	Asha	Female	1998-05-20	asha@gmail.com	2	2	86
10	18	Kelvin	Male	2000-01-28	kev@gmail.com	2	2	84
11	19	Jasmine	Female	1996-09-20	jas@gmail.com	3	3	89
12	20	Libin	Male	1985-12-20	li@gmail.com	3	3	90
13	23	Ponnu	Female	1999-03-13	ponnu@gmail.com	1	1	75

41. Select the details of BCA Students in their mark wise.



```
USE [Sample]
GO

SELECT * FROM [dbo].[tblstudent] s inner join [dbo].[tblcourse] c on c.Course_id=s.Course_id where c.Course_Shortname='BCA' order by s.Student_Mark

GO
```

	Student_id	Student_Name	Student_Gender	Student_DOB	Student_Email	Course_id	Batch_id	Student_Mark	Course_id	Course_Name	Course_Shortname	Course_Type
1	5	Binta Varkey	Female	1998-01-20	b@gmail.com	2	1	45	2	Bachelor Of Computer Application	BCA	UG
2	11	Amala James	Female	1995-04-20	am@gmail.com	2	3	45	2	Bachelor Of Computer Application	BCA	UG
3	3	Seena John	Female	1995-02-18	se@gmail.com	2	1	65	2	Bachelor Of Computer Application	BCA	UG
4	13	Archana Raju	Female	1998-03-18	arr@gmail.com	2	3	71	2	Bachelor Of Computer Application	BCA	UG
5	12	Amal Mathew	Male	1996-08-21	ams@gmail.com	2	3	75	2	Bachelor Of Computer Application	BCA	UG
6	4	Arya James	Female	1996-05-19	ar@gmail.com	2	2	78	2	Bachelor Of Computer Application	BCA	UG
7	18	Kelvin	Male	2000-01-28	kev@gmail.com	2	2	84	2	Bachelor Of Computer Application	BCA	UG
8	2	Bibin Jose	Male	1995-08-20	b@gmail.com	2	1	85	2	Bachelor Of Computer Application	BCA	UG
9	17	Asha	Female	1998-05-20	asha@gmail.com	2	2	86	2	Bachelor Of Computer Application	BCA	UG
10	1	Amal Baby	Male	1995-01-20	ab@gmail.com	2	1	98	2	Bachelor Of Computer Application	BCA	UG