## **ASSIGNMENT 4**

## 1.tblcourse-Courseid(P.K,A.I),CourseName,Coiurseshortname,Coursetype

CREATE TABLE tblcourse(course\_id int PRIMARY KEY NOT NULL IDENTITY(1,1),course\_name varchar(50) NOT NULL,course shrtname varchar(50) NOT NULL,course type varchar(50) NOT NULL);

INSERT INTO [dbo].[tblcourse]([course\_name],[course\_shrtname],[course\_type])VALUES('Bachelor of Computer Application','BCA','UG'),('Master of Computer Application','MCA','PG'),('BA Animation','BAA','UG')

## 2.tblbatch-Batchid(P.K,A.I),BatchName

CREATE TABLE tblbatch(batch id int PRIMARY KEY NOT NULL IDENTITY(1,1),batch name varchar(50));

INSERT INTO [dbo].[tblbatch]([batch\_name])VALUES('2017-2020'),('2018-2021'),('2019-2022'),('2018-2020'),('2019-2021')

#### 3.tblstudent -

Studentid(P.K,A.I),Student\_Name,Student\_Gender,Student\_Dob,Student\_Email,Courseid,Batchid,Student\_mark

CREATE TABLE tblstudent(student\_id int PRIMARY KEY identity(1,1) NOT NULL,student\_name varchar(50) NOT NULL,student\_gender varchar(50) NOT NULL CHECK(student\_gender in ('FEMALE','MALE','OTHERS')),student\_dob date,student\_email varchar(50) NOT NULL,course\_id int NOT NULL,batch\_id int NOT NULL,student\_mark int NOT NULL,);

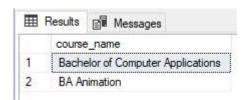
#### 1. Select all details of courses

**SELECT** \* **FROM** tblcourse;

	Results [	Messages		
	course_i	d course_name	course_shrtname	course_type
1	1	Master of Computer Applications	MCA	PG
2	2	Bachelor of Computer Applications	BCA	UG
3	3	BA Animation	BAA	UG

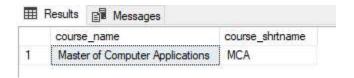
## 2. Select the name of UG courses.

select course\_name from tblcourse where course\_type='UG'



## 3. Select the name and short name of PG courses.

select course\_name,course\_shrtname from tblcourse where course\_type='PG'



#### 4. Select the details of batches

SELECT \* FROM tblbatch;

	Results		Messages
	batch	id	batch_name
1	1		2017-2020
2	2		2018-2021
3	3		2019-2022
4	4		2018-2020
5	5		2019-2021

## 5. Slect the details of students.

## SELECT \* FROM tblstudent;

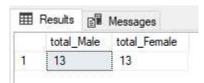
	student_id	student_name	student_gender	student_dob	student_email	course_id	batch_id	student_mark
2	23	Bibin Jose	Male	1995-04-11	bibin@gmail.com	2	1	58
3	33	Seema Arun	Female	1995-02-02	seema@gmail.com	2	1	65
4	34	Alaka Ajimon	Female	1996-10-11	alaka@gmail.com	2	2	88
5	35	Binitha Binoy	Female	1998-01-01	binitha@gmail.com	2	1	38
6	36	Cyril Abraham	Male	1993-03-03	cyril@gmail.com	3	1	58
7	37	Anumol Jos	Female	1990-07-03	anu@gmail.com	1	4	24
8	38	Jomit Mathew	Male	1997-05-06	jomi@gmail.com	1	4	96
9	39	Alwin Mathew	Male	1995-12-01	alwin@gmail.com	1	5	98
10	40	Vishnu Vinod	Male	1997-06-12	vishnu@gmail.com	1	5	63
11	44	Anugraha J	Female	1995-07-10	anu@gmail.com	2	3	49
12	45	Boby Baby	Male	1996-12-08	boby@gmail.com	2	3	98
13	47	Aabbeygiou	Male	1999-03-21	aabbey@gmail.c	2	3	78
14	48	Anjana S	Female	1993-12-02	anjana@gmail.com	2	3	99
15	50	Jose Joe	Male	1994-10-22	jose@gmail.com	3	2	89
16	51	Jishnu M	Male	2000-08-28	jishnu@gmail.com	3	1	71
17	52	Anju S	Female	2000-06-11	anju@gmail.com	2	2	80
18	53	Jinumol Seb	Female	1994-06-30	jinu@gmail.com	2	2	84
19	54	Jeenamol S	Female	1995-01-04	jeena@gmail.com	3	3	79
20	55	Leyon Thom	Male	1985-03-31	leyon@gmail.com	3	3	90

## 6.Inset 3 student details whose course in MCA or BCA.

```
insert into tblstudent values('Jishamol Sebastian','Female','12-27-
1999','jisha@gmail.com',1,3,95),('Animol Saju','Female','10-21-
1997','ani@gmail.com',1,4,64),('Don N K','Male','09-07-1999','don@gmail.com',1,1,95)
```

## 7. Select the count of male and female students. (use if case statements)

select count(case when student\_gender='Male' then 1 end)as total\_Male,count(case when student\_gender='Female' then 1 end)as total\_Female from tblstudent



#### 8. Select the details of Female Students.

select \* from tblstudent where student\_gender='Female'

	student_id	student_name	student_gender	student_dob	student_email	course_id	batch_id	student_mark
1	33	Seema Arun	Female	1995-02-02	seema@gmail.com	2	1	65
2	34	Alaka Ajimon	Female	1996-10-11	alaka@gmail.com	2	2	88
3	35	Binitha Binoy	Female	1998-01-01	binitha@gmail.com	2	1	38
4	37	Anumol Joseph	Female	1990-07-03	anu@gmail.com	1	4	24
5	44	Anugraha J	Female	1995-07-10	anu@gmail.com	2	3	49
6	48	Anjana S	Female	1993-12-02	anjana@gmail.com	2	3	99
7	52	Anju S	Female	2000-06-11	anju@gmail.com	2	2	80
8	53	Jinumol Sebastian	Female	1994-06-30	jinu@gmail.com	2	2	84
9	54	Jeenamol Sebastian	Female	1995-01-04	jeena@gmail.com	3	3	79
10	56	Jishamol Sebastian	Female	1999-12-27	jisha@gmail.com	1	3	95
11	57	Animol Saju	Female	1997-10-21	ani@gmail.com	1	4	64
12	59	Jishamol Sebastian	Female	1999-12-27	jisha@gmail.com	1	3	95
13	60	Animol Saju	Female	1997-10-21	ani@gmail.com	1	4	64

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

select \* from tblstudent s inner join tblcourse c on c.course\_id=s.course\_id where
c.course\_shrtname='MCA' and student\_gender='Male'



#### 10. Select the details BAA Students.

select \* from tblstudent s inner join tblcourse c on c.course\_id=s.course\_id where
c.course\_shrtname='BBA'



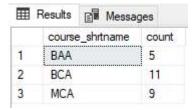
#### 11. Select the details of BAA students whose batch is 2017-2020.

select \* from tblstudent s inner join tblcourse c on c.course\_id=s.course\_id inner join
tblbatch b on b.batch\_id=s.batch\_id where c.course\_shrtname='BAA' and b.batch\_name='20172020'



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

select c.course\_shrtname, count(s.course\_id)as count from tblstudent s inner join
tblcourse c on c.course\_id=s.course\_id group by c.course\_shrtname



#### 13. Select the details UG Students.

select \* from tblstudent s inner join tblcourse c on c.course\_id=s.course\_id where
c.course\_type='UG'



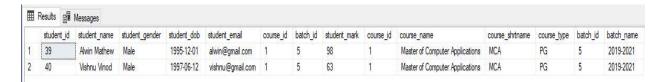
#### 14. Select the details of PG Students.

select \* from tblstudent s inner join tblcourse c on c.course\_id=s.course\_id where
c.course\_type='PG'

	student_id	student_name	student_gender	student_dob	student_email	course_id	batch_id	student_mark	course_id	course_name	course_shrtname	course_type
1	37	Anumol Joseph	Female	1990-07-03	anu@gmail.com	1	4	24	1	Master of Computer Applications	MCA	PG
2	38	Jomit Mathew	Male	1997-05-06	jomi@gmail.com	1	4	96	1	Master of Computer Applications	MCA	PG
3	39	Alwin Mathew	Male	1995-12-01	alwin@gmail.c	1	5	98	1	Master of Computer Applications	MCA	PG
4	40	Vishnu Vinod	Male	1997-06-12	vishnu@gmail	1	5	63	1	Master of Computer Applications	MCA	PG
5	56	Jishamol Seb	Female	1999-12-27	jisha@gmail.c	1	3	95	1	Master of Computer Applications	MCA	PG
6	57	Animol Saju	Female	1997-10-21	ani@gmail.com	1	4	64	1	Master of Computer Applications	MCA	PG
7	58	Don N K	Male	1999-09-07	don@gmail.com	1	1	95	1	Master of Computer Applications	MCA	PG
8	59	Jishamol Seb	Female	1999-12-27	jisha@gmail.c	1	3	95	1	Master of Computer Applications	MCA	PG
9	60	Animol Saju	Female	1997-10-21	ani@gmail.com	1	4	64	1	Master of Computer Applications	MCA	PG

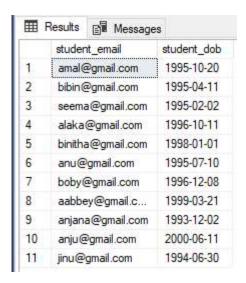
#### 15. Select the details of MCA Students whose batch is 2019-2021.

select \* from tblstudent s inner join tblcourse c on c.course\_id=s.course\_id inner join
tblbatch b on b.batch\_id=s.batch\_id where c.course\_shrtname='MCA' and b.batch\_name='20192021'



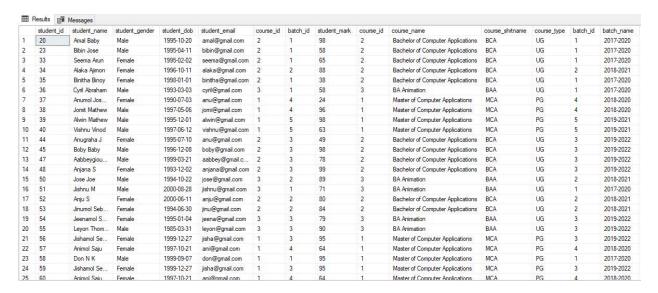
## 16. Select the email and DOB of BCA Students.

select s.student\_email,s.student\_dob from tblstudent s inner join tblcourse c on
c.course\_id=s.course\_id where c.course\_shrtname='BCA'



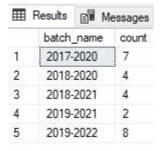
#### 17. Select the students details with their course name and batch name.

select \* from tblstudent s inner join tblcourse c on c. course\_id=s.course\_id inner join
tblbatch b on b.batch\_id=s.batch\_id



#### 18. Select Batch name and number of students.

select b.batch\_name,count(s.batch\_id)as count from tblstudent s inner join tblbatch b on b.batch\_id=s.batch\_id group by b.batch\_name



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

select s.student\_name,c.course\_name,s.student\_email from tblstudent s inner join
tblcourse c on c.course\_id=s.course\_id

#	Results	☐ Mess	ages	
	studer	nt_name	course_name	student_email
2	Bibin .	Jose	Bachelor of Computer Applications	bibin@gmail.com
3	Seem	a Arun	Bachelor of Computer Applications	seema@gmail.com
4	Alaka	Ajimon	Bachelor of Computer Applications	alaka@gmail.com
5	Binith	a Binoy	Bachelor of Computer Applications	binitha@gmail.com
6	Cyril A	braham	BA Animation	cyril@gmail.com
7	Anum	ol Joseph	Master of Computer Applications	anu@gmail.com
8	Jomit	Mathew	Master of Computer Applications	jomi@gmail.com
9	Awin	Mathew	Master of Computer Applications	alwin@gmail.com
10	Vishn	u Vinod	Master of Computer Applications	vishnu@gmail.com
11	Anugr	aha J	Bachelor of Computer Applications	anu@gmail.com
12	Boby	Baby	Bachelor of Computer Applications	boby@gmail.com
13	Aabbe	eygious	Bachelor of Computer Applications	aabbey@gmail.c
14	Anjan	a S	Bachelor of Computer Applications	anjana@gmail.com
15	Jose .	loe	BA Animation	jose@gmail.com
16	Jishnu	ı M	BA Animation	jishnu@gmail.com
17	Anju S	3	Bachelor of Computer Applications	anju@gmail.com
18	Jinum	ol Seba	Bachelor of Computer Applications	jinu@gmail.com
19	Jeena	mol Se	BA Animation	jeena@gmail.com
20	Leyon	Thomas	BA Animation	leyon@gmail.com
21	Jishan	nol Seb	Master of Computer Applications	jisha@gmail.com
22	Animo	l Saju	Master of Computer Applications	ani@gmail.com
23	Don N	1 K	Master of Computer Applications	don@gmail.com

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

select \* from tblstudent s inner join tblbatch b on b. batch\_id=s.batch\_id

	student_id	student_name	student_gender	student_dob	student_email	course_id	batch_id	student_mark	batch_id	batch_name
1	20	Amal Baby	Male	1995-10-20	amal@gmail.com	2	1	98	1	2017-2020
2	23	Bibin Jose	Male	1995-04-11	bibin@gmail.com	2	1	58	1	2017-2020
3	33	Seema Arun	Female	1995-02-02	seema@gmail	2	1	65	1	2017-2020
4	34	Alaka Ajimon	Female	1996-10-11	alaka@gmail.c	2	2	88	2	2018-2021
5	35	Binitha Binoy	Female	1998-01-01	binitha@gmail	2	1	38	1	2017-2020
6	36	Cyril Abraham	Male	1993-03-03	cyril@gmail.com	3	1	58	1	2017-2020
7	37	Anumol Jos	Female	1990-07-03	anu@gmail.com	1	4	24	4	2018-2020
8	38	Jomit Mathew	Male	1997-05-06	jomi@gmail.com	1	4	96	4	2018-2020
9	39	Alwin Mathew	Male	1995-12-01	alwin@gmail.c	1	5	98	5	2019-2021
10	40	Vishnu Vinod	Male	1997-06-12	vishnu@gmail	1	5	63	5	2019-2021
11	44	Anugraha J	Female	1995-07-10	anu@gmail.com	2	3	49	3	2019-2022
12	45	Boby Baby	Male	1996-12-08	boby@gmail.com	2	3	98	3	2019-2022
13	47	Aabbeygiou	Male	1999-03-21	aabbey@gmail	2	3	78	3	2019-2022
14	48	Anjana S	Female	1993-12-02	anjana@gmail	2	3	99	3	2019-2022
15	50	Jose Joe	Male	1994-10-22	jose@gmail.com	3	2	89	2	2018-2021
16	51	Jishnu M	Male	2000-08-28	jishnu@gmail.c	3	1	71	1	2017-2020
17	52	Anju S	Female	2000-06-11	anju@gmail.com	2	2	80	2	2018-2021
18	53	Jinumol Seb	Female	1994-06-30	jinu@gmail.com	2	2	84	2	2018-2021
19	54	Jeenamol S	Female	1995-01-04	jeena@gmail.c,	3	3	79	3	2019-2022
20	55	Leyon Thom	Male	1985-03-31	leyon@gmail.c	3	3	90	3	2019-2022
21	56	Jishamol Se	Female	1999-12-27	jisha@gmail.com	1	3	95	3	2019-2022
22	57	Animol Saju	Female	1997-10-21	ani@gmail.com	81	4	64	4	2018-2020
23	58	Don N K	Male	1999-09-07	don@gmail.com	1	1	95	1	2017-2020

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

select b.batch\_name, count(case when student\_gender='Male' then 1 end) as 'Total
Male',count(case when student\_gender='Female' then 1 end)as'Total Female' from tblstudent
s inner join tblbatch b on b.batch\_id=s.batch\_id group by b.batch\_name

	batch_name	Total Male	Total Female
1	2017-2020	5	2
2	2018-2020	1	2
3	2018-2021	1	3
4	2019-2021	2	0
5	2019-2022	3	4

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

select \* from tblstudent s inner join tblcourse c on c.course\_id=s.course\_id where
c.course\_shrtname='BCA' and s.student\_mark=(select max(student\_mark)from tblstudent)

	student_id	student_name	student_gender	student_dob	student_email	course_id	batch_id	student_mark	course_id	course_name	course_shrtname	course_type
1	48	Anjana S	Female	1993-12-02	anjana@gmail.com	2	3	99	2	Bachelor of Computer Applications	BCA	UG

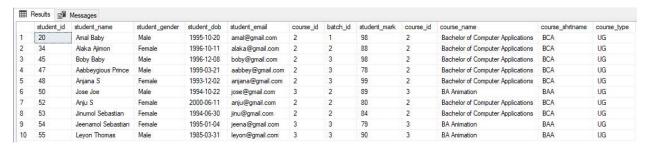
#### 23. Select the Male MCA Student who have Minimum Mark.

select \* from tblstudent s inner join tblcourse c on c.course\_id=s.course\_id where
c.course\_shrtname='MCA' and s.student\_mark=(select min(student\_mark)from tblstudent)

	Results	Messages										
	student_id	student_name	student_gender	student_dob	student_email	course_id	batch_id	student_mark	course_id	course_name	course_shrtname	course_type
1	37	Anumol Joseph	Female	1990-07-03	anu@gmail.com	1	4	24	1	Master of Computer Applications	MCA	PG

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

select \* from tblstudent s inner join tblcourse c on c.course\_id=s.course\_id where
c.course\_type='UG' and s.student\_mark>(select avg(student\_mark)from tblstudent)



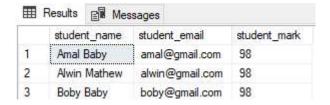
#### 25. Select the BCA student details who have Max Mark.

select \* from tblstudent s inner join tblcourse c on c.course\_id=s.course\_id where
c.course\_shrtname='BCA' and s.student\_mark=(select max(student\_mark)from tblstudent)



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

select student\_name,student\_email,student\_mark from tblstudent where student\_mark
in(Select max(student\_mark)from tblstudent where student\_mark not in (select
max(student\_mark)from tblstudent))



## 27. Select the DOB and Current Age of All students.

select student\_name, student\_dob, year(getdate())-year(student\_dob)as 'Current Age' from
tblstudent

	student_name	student_dob	Current Age
1	Amal Baby	1995-10-20	27
2	Bibin Jose	1995-04-11	27
3	Seema Arun	1995-02-02	27
4	Alaka Ajimon	1996-10-11	26
5	Binitha Binoy	1998-01-01	24
6	Cyril Abraham	1993-03-03	29
7	Anumol Joseph	1990-07-03	32
8	Jomit Mathew	1997-05-06	25
9	Alwin Mathew	1995-12-01	27
10	Vishnu Vinod	1997-06-12	25
11	Anugraha J	1995-07-10	27
12	Boby Baby	1996-12-08	26
13	Aabbeygious	1999-03-21	23
14	Anjana S	1993-12-02	29
15	Jose Joe	1994-10-22	28
16	Jishnu M	2000-08-28	22
17	Anju S	2000-06-11	22
18	Jinumol Seba	1994-06-30	28
19	Jeenamol Se	1995-01-04	27
20	Leyon Thomas	1985-03-31	37
21	Jishamol Seb	1999-12-27	23
22	Animol Saju	1997-10-21	25
23	Don N K	1999-09-07	23

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

select student\_name,month(student\_dob)as month,year(student\_dob) as year from tblstudent

	student_name	month	year
1	Amal Baby	10	1995
2	Bibin Jose	4	1995
3	Seema Arun	2	1995
4	Alaka Ajimon	10	1996
5	Binitha Binoy	1	1998
6	Cyril Abraham	3	1993
7	Anumol Joseph	7	1990
8	Jomit Mathew	5	1997
9	Alwin Mathew	12	1995
10	Vishnu Vinod	6	1997
11	Anugraha J	7	1995
12	Boby Baby	12	1996
13	Aabbeygious	3	1999
14	Anjana S	12	1993
15	Jose Joe	10	1994
16	Jishnu M	8	2000
17	Anju S	6	2000
18	Jinumol Seba	6	1994
19	Jeenamol Se	1	1995
20	Leyon Thomas	3	1985
21	Jishamol Seb	12	1999
22	Animol Saju	10	1997
23	Don N K	9	1999

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

select s.student\_email,s.student\_dob from tblstudent s inner join tblcourse c on
c.course\_id=s.course\_id where c.course\_shrtname='MCA' and student\_gender='Female'

	Results 📳 M	essages
	student_email	student_dob
1	anu@gmail.co	om 1990-07-03
2	jisha@gmail.c	om 1999-12-27
3	ani@gmail.co	m 1997-10-21

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

select c.course\_name,s.student\_name,max(student\_mark)as'Maximum Mark'from tblstudent s
inner join tblcourse c on c.course\_id=s.course\_id where s.student\_mark=(select
max(student\_mark)from tblstudent)group by c.course\_name,s.student\_name

	Results	Messages		
	course	e_name	student_name	Maximum Mark
1	Bache	elor of Computer Applications	Anjana S	99

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

select \* from tblstudent where year(student\_dob)<1995 order by student\_dob desc</pre>

	student_id	student_name	student_gender	student_dob	student_email	course_id	batch_id	student_mark
1	50	Jose Joe	Male	1994-10-22	jose@gmail.com	3	2	89
2	53	Jinumol Sebastian	Female	1994-06-30	jinu@gmail.com	2	2	84
3	48	Anjana S	Female	1993-12-02	anjana@gmail.com	2	3	99
4	36	Cyril Abraham	Male	1993-03-03	cyril@gmail.com	3	1	58
5	37	Anumol Joseph	Female	1990-07-03	anu@gmail.com	1	4	24
6	55	Leyon Thomas	Male	1985-03-31	leyon@gmail.com	3	3	90

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

select c.course\_shrtname,b.batch\_name,count(s.student\_id)as 'Total o. of Students' from
tblstudent s inner join tblcourse c on c.course\_id=s.course\_id inner join tblbatch b on
b.batch\_id=s.batch\_id group by c.course\_shrtname,b.batch\_name

	Results 📳 Messa		The Court of the C
	course_shrtname	batch_name	Total o. 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	1
6	BCA	2018-2021	3
7	MCA	2019-2021	2
8	BAA	2019-2022	2
9	BCA	2019-2022	4
10	MCA	2019-2022	1

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

select \* from tblstudent where year (student\_dob) between 1992 and 1996 order by
student\_dob desc

	Results	Messages						
	student_id	student_name	student_gender	student_dob	student_email	course_id	batch_id	student_mark
1	45	Boby Baby	Male	1996-12-08	boby@gmail.com	2	3	98
2	34	Alaka Ajimon	Female	1996-10-11	alaka@gmail.com	2	2	88
3	39	Alwin Mathew	Male	1995-12-01	alwin@gmail.com	1	5	98
4	20	Amal Baby	Male	1995-10-20	amal@gmail.com	2	1	98
5	44	Anugraha J	Female	1995-07-10	anu@gmail.com	2	3	49
6	23	Bibin Jose	Male	1995-04-11	bibin@gmail.com	2	1	58
7	33	Seema Arun	Female	1995-02-02	seema@gmail.com	2	1	65
8	54	Jeenamol Sebastian	Female	1995-01-04	jeena@gmail.com	3	3	79
9	50	Jose Joe	Male	1994-10-22	jose@gmail.com	3	2	89
10	53	Jinumol Sebastian	Female	1994-06-30	jinu@gmail.com	2	2	84
11	48	Anjana S	Female	1993-12-02	anjana@gmail.com	2	3	99
12	36	Cyril Abraham	Male	1993-03-03	cyril@gmail.com	3	1	58

## 34. Select the details of Male PG Students.

select \* from tblstudent s inner join tblcourse c on c.course\_id=s.course\_id where
c.course\_type='PG' and student\_gender='Male'

Ⅲ	Results	Messages										
	student_id	student_name	student_gender	student_dob	student_email	course_id	batch_id	student_mark	course_id	course_name	course_shrtname	course_type
1	38	Jomit Mathew	Male	1997-05-06	jomi@gmail.com	1	4	96	1	Master of Computer Applications	MCA	PG
2	39	Alwin Mathew	Male	1995-12-01	alwin@gmail.com	1	5	98	1	Master of Computer Applications	MCA	PG
3	40	Vishnu Vinod	Male	1997-06-12	vishnu@gmail.com	1	5	63	1	Master of Computer Applications	MCA	PG
4	58	Don N K	Male	1999-09-07	don@gmail.com	1	1	95	1	Master of Computer Applications	MCA	PG

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

select \* from tblstudent s inner join tblcourse c on c.course\_id=s.course\_id where
c.course\_shrtname='BCA' and s.student\_mark>(select avg(student\_mark)from tblstudent)

	student_id	student_name	student_gender	student_dob	student_email	course_id	batch_id	student_mark	course_id	course_name	course_shrtname	course_type
1	20	Amal Baby	Male	1995-10-20	amal@gmail.com	2	1	98	2	Bachelor of Computer Applications	BCA	UG
2	34	Alaka Ajimon	Female	1996-10-11	alaka@gmail.com	2	2	88	2	Bachelor of Computer Applications	BCA	UG
3	45	Boby Baby	Male	1996-12-08	boby@gmail.com	2	3	98	2	Bachelor of Computer Applications	BCA	UG
4	47	Aabbeygious Prince	Male	1999-03-21	aabbey@gmail.com	2	3	78	2	Bachelor of Computer Applications	BCA	UG
5	48	Anjana S	Female	1993-12-02	anjana@gmail.com	2	3	99	2	Bachelor of Computer Applications	BCA	UG
6	52	Anju S	Female	2000-06-11	anju@gmail.com	2	2	80	2	Bachelor of Computer Applications	BCA	UG
7	53	Jinumol Sebastian	Female	1994-06-30	jinu@gmail.com	2	2	84	2	Bachelor of Computer Applications	BCA	UG

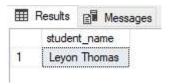
#### 36. Select the details BAA – 2019-2022 Batch Students.

select \* from tblstudent s inner join tblcourse c on c.course\_id=s.course\_id inner join
tblbatch b on b.batch\_id=s.batch\_id where c.course\_shrtname='BAA' and b.batch\_name='20192022'



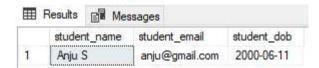
#### 37. Select the name of student having maximum age.

select student\_name from tblstudent order by datediff(YY,student\_dob,getdate())desc
offset 0 rows fetch first 1 rows only



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

select student\_name,student\_email,student\_dob from tblstudent s inner join tblcourse c on
s.course\_id=c.course\_id where c.course\_shrtname='BCA' order by year(getdate())year(student\_dob)offset 0 rows fetch first 1 rows only



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

select \* from tblstudent order by student\_dob desc

	student_id	student_name	student_gender	student_dob	student_email	course_id	batch_id	student_mark
3	56	Jishamol Sebastian	Female	1999-12-27	jisha@gmail.com	1	3	95
4	58	Don N K	Male	1999-09-07	don@gmail.com	1	1	95
5	47	Aabbeygious Prince	Male	1999-03-21	aabbey@gmail.com	2	3	78
6	35	Binitha Binoy	Female	1998-01-01	binitha@gmail.com	2	1	38
7	57	Animol Saju	Female	1997-10-21	ani@gmail.com	1	4	64
8	40	Vishnu Vinod	Male	1997-06-12	vishnu@gmail.com	1	5	63
9	38	Jomit Mathew	Male	1997-05-06	jomi@gmail.com	1	4	96
10	45	Boby Baby	Male	1996-12-08	boby@gmail.com	2	3	98
11	34	Alaka Ajimon	Female	1996-10-11	alaka@gmail.com	2	2	88
12	39	Alwin Mathew	Male	1995-12-01	alwin@gmail.com	1	5	98
13	20	Amal Baby	Male	1995-10-20	amal@gmail.com	2	1	98
14	44	Anugraha J	Female	1995-07-10	anu@gmail.com	2	3	49
15	23	Bibin Jose	Male	1995-04-11	bibin@gmail.com	2	1	58
16	33	Seema Arun	Female	1995-02-02	seema@gmail.com	2	1	65
17	54	Jeenamol Sebastian	Female	1995-01-04	jeena@gmail.com	3	3	79
18	50	Jose Joe	Male	1994-10-22	jose@gmail.com	3	2	89
19	53	Jinumol Sebastian	Female	1994-06-30	jinu@gmail.com	2	2	84
20	48	Anjana S	Female	1993-12-02	anjana@gmail.com	2	3	99
21	36	Cyril Abraham	Male	1993-03-03	cyril@gmail.com	3	1	58
22	37	Anumol Joseph	Female	1990-07-03	anu@gmail.com	1	4	24
23	55	Leyon Thomas	Male	1985-03-31	leyon@gmail.com	3	3	90

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

select \* from tblstudent where student\_mark between 65 and 91

	Results	Messages						
	student_id	student_name	student_gender	student_dob	student_email	course_id	batch_id	student_mark
1	33	Seema Arun	Female	1995-02-02	-02-02 seema@gmail.com		1	65
2	34	Alaka Ajimon	Female	1996-10-11	alaka@gmail.com	2	2	88
3	47	Aabbeygious Prince	Male	1999-03-21	aabbey@gmail.com	2	3	78
4	50	Jose Joe	Male	1994-10-22	jose@gmail.com	3	2	89
5	51	Jishnu M	Male	2000-08-28	jishnu@gmail.com	3	1	71
6	52	Anju S	Female	2000-06-11	anju@gmail.com	2	2	80
7	53	Jinumol Sebastian	Female	1994-06-30	jinu@gmail.com	2	2	84
8	54	Jeenamol Sebastian	Female	1995-01-04	jeena@gmail.com	3	3	79
9	55	Leyon Thomas	Male	1985-03-31	leyon@gmail.com	3	3	90

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

select \* from tblstudent s inner join tblcourse c on c.course\_id=s.course\_id where
c.course\_shrtname='BCA' order by s.student\_mark

	student_id	student_name	student_gender	student_dob	student_email	course_id	batch_id	student_mark	course_id	course_name	course_shrtname	course_type
1	35	Binitha Binoy	Female	1998-01-01	binitha@gmail.com	2	1	38	2	Bachelor of Computer Applications	BCA	UG
2	44	Anugraha J	Female	1995-07-10	anu@gmail.com	2	3	49	2	Bachelor of Computer Applications	BCA	UG
3	23	Bibin Jose	Male	1995-04-11	bibin@gmail.com	2	1	58	2	Bachelor of Computer Applications	BCA	UG
4	33	Seema Arun	Female	1995-02-02	seema@gmail.com	2	1	65	2	Bachelor of Computer Applications	BCA	UG
5	47	Aabbeygious Prince	Male	1999-03-21	aabbey@gmail.com	2	3	78	2	Bachelor of Computer Applications	BCA	UG
6	52	Anju S	Female	2000-06-11	anju@gmail.com	2	2	80	2	Bachelor of Computer Applications	BCA	UG
7	53	Jinumol Sebastian	Female	1994-06-30	jinu@gmail.com	2	2	84	2	Bachelor of Computer Applications	BCA	UG
8	34	Alaka Ajimon	Female	1996-10-11	alaka@gmail.com	2	2	88	2	Bachelor of Computer Applications	BCA	UG
9	45	Boby Baby	Male	1996-12-08	boby@gmail.com	2	3	98	2	Bachelor of Computer Applications	BCA	UG
10	20	Amal Baby	Male	1995-10-20	amal@gmail.com	2	1	98	2	Bachelor of Computer Applications	BCA	UG
11	48	Anjana S	Female	1993-12-02	anjana@gmail.com	2	3	99	2	Bachelor of Computer Applications	BCA	UG