ASSIGNMENT CODE: ASGSSTN004
C# Full stack Development

SUBMITTED BY,

ANUMOL V N
EMP ID:51473

Create table with the following fields

1. tblcourse- CourseId (P.K, A.I), Coursename, Courseshortname, Coursetype
2. tblbatch - BatchId (P.K, A.I),BatchName
3. tblstudent – Studentid(P.K,A.I),Student_Name,Student_Gender,Student_DOB,Student_Email,Course_Id, Batch_id,Student_mark

1.Select all the details of Course

   SELECT * FROM tblcourse;

	Course_Id	Coursename	Courseshortname	Coursetype
1	100	Bachelor of Computer Applications	BCA	UG
2	101	Bachelor of Computer Science	BSc.CS	UG
3	102	Bachelor of Administration	BA	UG
4	103	Master of Computer Applications	MCA	PG

2.Select the name of UG courses

   SELECT Coursename FROM tblcourse WHERE Coursetype='UG';

	Coursename
1	Bachelor of Computer Applications
2	Bachelor of Computer Science
3	Bachelor of Administration

3. Select the name and short name of PG Courses

SELECT Coursename, Courseshortname FROM tblcourse WHERE Coursetype='PG';

	Coursename	Courseshortname
1	Master of Computer Applications	MCA

4. Select the details of batches

   SELECT * FROM tblbatch ;

	Batch_id	Batchname
1	1	2018-19
2	2	2019-20
3	3	2020-21
4	4	2021-22
5	5	2017-18

5. Select the details of students

SELECT * FROM tblstudent;

	Student_id	Student_Name	Student_Email	Student_Gender	Student_DOB	Courseid	Batchid	Student_mark
1	1000	Anumol	anu@gmail.com	F	1999-04-05	100	1	80
2	1001	Sneha	sneha@gmail.com	F	1999-08-09	101	2	90
3	1002	Anurag	anu2@gmail.com	M	1999-06-09	102	3	50
4	1003	Shalini	shalini@gmail.com	F	1999-06-07	103	4	80
5	1004	Ajeesh	ajeesh@gmail.com	M	1999-08-04	102	1	50
6	1005	Mohit	mohit@gmail.com	M	1999-04-09	103	100	60
7	1009	VARUN	varun@gmail.com	M	1999-02-03	102	1	85
8	1010	VARUN R	varunm@gmail.com	M	1999-02-03	102	5	85
9	1012	MOHAN	mohan@gmail.com	M	1999-02-09	103	6	45
10	1013	mohan	mohan@gmail.com	M	1999-09-08	103	2	95
11	1014	ambika	ambika@gmail.com	F	1992-04-06	100	5	40
12	1015	Manu	manu@gmail.com	M	1994-04-06	101	3	30
13	1016	Annmary	Annmary@gmail.com	F	1992-02-06	102	2	80

6. Insert details whose Course is MCA or BCA

INSERT INTO tblstudent VALUES(1000,'Sreerag','sree@gmail.com','M','05-03- 1999',103,1,80);

INSERT INTO tblstudent VALUES(1003,'Soman','soman@gmail.com','M','07-06- 1999',100,4,85);

SELECT * FROM tblstudent;

	Student_id	Student_Name	Student_Email	Student_Gender	Student_DOB	Courseid	Batchid	Student_mark
1	1000	Anumol	anu@gmail.com	F	1999-04-05	100	1	80
2	1001	Sneha	sneha@gmail.com	F	1999-08-09	101	2	90
3	1002	Anurag	anu2@gmail.com	M	1999-06-09	102	3	50
4	1003	Shalini	shalini@gmail.com	F	1999-06-07	103	4	80
5	1004	Ajeesh	ajeesh@gmail.com	M	1999-08-04	102	1	50
6	1005	Mohit	mohit@gmail.com	M	1999-04-09	103	100	60
7	1009	VARUN	varun@gmail.com	M	1999-02-03	102	1	85
8	1010	VARUN R	varunm@gmail.com	M	1999-02-03	102	5	85
9	1012	MOHAN	mohan@gmail.com	M	1999-02-09	103	6	45
10	1013	mohan	mohan@gmail.com	M	1999-09-08	103	2	95
11	1014	ambika	ambika@gmail.com	F	1992-04-06	100	5	40
12	1015	Manu	manu@gmail.com	M	1994-04-06	101	3	30
13	1016	Annmary	Annmary@gmail.com	F	1992-02-06	102	2	80
14	1017	Sreerag	sree@gmail.com	M	1999-05-03	103	1	80
15	1018	Soman	soman@gmail.com	M	1999-07-06	100	4	85

7. Select the count of male and female student (use if case statement)

SELECT COUNT(case when Student_Gender='M' then 1 end) AS Total_Male, COUNT(case when Student_Gender='F' then 1 end)As Total_Female from tblstudent;

	Total_Male	Total_Female
1	10	5

8.Select the details of Female Students

SELECT * FROM tblstudent WHERE Student_Gender='F';

	Student_id	Student_Name	Student_Email	Student_Gender	Student_DOB	Courseid	Batchid	Student_mark
1	1000	Anumol	anu@gmail.com	F	1999-04-05	100	1	80
2	1001	Sneha	sneha@gmail.com	F	1999-08-09	101	2	90
3	1003	Shalini	shalini@gmail.com	F	1999-06-07	103	4	80
4	1014	ambika	ambika@gmail.com	F	1992-04-06	100	5	40
5	1016	Annmary	Annmary@gmail.com	F	1992-02-06	102	2	80

9. Select the details Males students whose course is MCA

SELECT * FROM tblstudent WHERE Courseid=(select Course_Id from tblcourse where Courseshortname='MCA') and Student_Gender='M';

	Student_id	Student_Name	Student_Email	Student_Gender	Student_DOB	Courseid	Batchid	Student_mark
1	1005	Mohit	mohit@gmail.com	M	1999-04-09	103	100	60
2	1012	MOHAN	mohan@gmail.com	M	1999-02-09	103	6	45
3	1013	mohan	mohan@gmail.com	M	1999-09-08	103	2	95
4	1017	Sreerag	sree@gmail.com	M	1999-05-03	103	1	80

10. Select the details BA Students

SELECT * FROM tblstudent WHERE Courseid=(select Course_id from tblcourse where Courseshortname='BA') ;

	Student_id	Student_Name	Student_Email	Student_Gender	Student_DOB	Courseid	Batchid	Student_mark
1	1002	Anurag	anu2@gmail.com	M	1999-06-09	102	3	50
2	1004	Ajeesh	ajeesh@gmail.com	M	1999-08-04	102	1	50
3	1009	VARUN	varun@gmail.com	M	1999-02-03	102	1	85
4	1010	VARUN R	varunm@gmail.com	M	1999-02-03	102	5	85
5	1016	Annmary	Annmary@gmail.com	F	1992-02-06	102	2	80

11. Select the details of BA students whose batch is 2017-2018

SELECT * FROM tblstudent WHERE Courseid=(select Course_id from tblcourse where Courseshortname='BA') and Batchid=(select Batch_id from tblbatch where Batchname='2017-18');

	Student_id	Student_Name	Student_Email	Student_Gender	Student_DOB	Courseid	Batchid	Student_mark
1	1010	VARUN R	varunm@gmail.com	M	1999-02-03	102	5	85

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

SELECT c.Courseshortname AS Course_name ,COUNT(*) AS Count_students FROM tblcourse c JOIN tblstudent s ON s.Courseid = c.Course_id GROUP BY c.Courseshortname;

	Course_name	Count_students
1	BA	5
2	BCA	3
3	BSc.CS	2
4	MCA	5

13. Select the details UG Students

SELECT * FROM tblstudent WHERE Courseid IN(select Course_id from tblcourse where Coursetype='UG');

	Student_id	Student_Name	Student_Email	Student_Gender	Student_DOB	Courseid	Batchid	Student_mark
1	1000	Anumol	anu@gmail.com	F	1999-04-05	100	1	80
2	1001	Sneha	sneha@gmail.com	F	1999-08-09	101	2	90
3	1002	Anurag	anu2@gmail.com	M	1999-06-09	102	3	50
4	1004	Ajeesh	ajeesh@gmail.com	M	1999-08-04	102	1	50
5	1009	VARUN	varun@gmail.com	M	1999-02-03	102	1	85
6	1010	VARUN R	varunm@gmail.com	M	1999-02-03	102	5	85
7	1014	ambika	ambika@gmail.com	F	1992-04-06	100	5	40
8	1015	Manu	manu@gmail.com	M	1994-04-06	101	3	30
9	1016	Annmary	Annmary@gmail.com	F	1992-02-06	102	2	80
10	1018	Soman	soman@gmail.com	M	1999-07-06	100	4	85

14. Select the details of PG Students

SELECT * FROM tblstudent WHERE Courseid IN(select Course_id from tblcourse where Coursetype='PG');

	Student_id	Student_Name	Student_Email	Student_Gender	Student_DOB	Courseid	Batchid	Student_mark
1	1003	Shalini	shalini@gmail.com	F	1999-06-07	103	4	80
2	1005	Mohit	mohit@gmail.com	M	1999-04-09	103	100	60
3	1012	MOHAN	mohan@gmail.com	M	1999-02-09	103	6	45
4	1013	mohan	mohan@gmail.com	M	1999-09-08	103	2	95
5	1017	Sreerag	sree@gmail.com	M	1999-05-03	103	1	80

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

SELECT * FROM tblstudent WHERE Courseid =(SELECT Course_id FROM tblcourse WHERE Courseshortname='MCA') AND Batchid=(SELECT Batch_id FROM tblbatch WHERE Batchname='2019-20');

	Student_id	Student_Name	Student_Email	Student_Gender	Student_DOB	Courseid	Batchid	Student_mark
1	1013	mohan	mohan@gmail.com	M	1999-09-08	103	2	95

16. Select the email and DOB of BCA Students

SELECT Student_Email,Student_DOB FROM tblstudent WHERE Courseid=(select Course_Id from tblcourse where Courseshortname='BCA');

	Student_Email	Student_DOB
1	anu@gmail.com	1999-04-05
2	ambika@gmail.com	1992-04-06
3	soman@gmail.com	1999-07-06

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

select s.Student_Name AS Student_Name ,c.Coursename AS Course_Name,b.Batchname from tblcourse c JOIN tblstudent s ON s.Courseid=c.Course_id JOIN tblbatch b ON b.Batch_id=s.Batchid;

	Student_Name	Course_Name	Batchname
1	Anumol	Bachelor of Computer Applications	2018-19
2	Sneha	Bachelor of Computer Science	2019-20
3	Anurag	Bachelor of Administration	2020-21
4	Shalini	Master of Computer Applications	2021-22
5	Ajeesh	Bachelor of Administration	2018-19
6	VARUN	Bachelor of Administration	2018-19
7	VARUN R	Bachelor of Administration	2017-18
8	mohan	Master of Computer Applications	2019-20
9	ambika	Bachelor of Computer Applications	2017-18
10	Manu	Bachelor of Computer Science	2020-21
11	Annmary	Bachelor of Administration	2019-20
12	Sreerag	Master of Computer Applications	2018-19
13	Soman	Bachelor of Computer Applications	2021-22

18. Select Batch name and number of students

SELECT b.Batchname AS Batch_Name ,COUNT(*) AS Count_students FROM tblbatch b JOIN tblstudent s ON s.Batchid = b.Batch_id GROUP BY b.Batchname;

	Batch_Name	Count_students
1	2017-18	2
2	2018-19	4
3	2019-20	3
4	2020-21	2
5	2021-22	2

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

select s.Student_Name AS Student_Name ,c.Coursename AS Course_Name,S.Student_Email from tblcourse c JOIN tblstudent s ON s.Courseid=c.Course_Id ;

	Student_Name	Course_Name	Student_Email
1	Anumol	Bachelor of Computer Applications	anu@gmail.com
2	Sneha	Bachelor of Computer Science	sneha@gmail.com
3	Anurag	Bachelor of Administration	anu2@gmail.com
4	Shalini	Master of Computer Applications	shalini@gmail.com
5	Ajeesh	Bachelor of Administration	ajeesh@gmail.com
6	Mohit	Master of Computer Applications	mohit@gmail.com
7	VARUN	Bachelor of Administration	varun@gmail.com
8	VARUN R	Bachelor of Administration	varunm@gmail.com
9	MOHAN	Master of Computer Applications	mohan@gmail.com
10	mohan	Master of Computer Applications	mohan@gmail.com
11	ambika	Bachelor of Computer Applications	ambika@gmail.com
12	Manu	Bachelor of Computer Science	manu@gmail.com
13	Annmary	Bachelor of Administration	Annmary@gmail.com
14	Sreerag	Master of Computer Applications	sree@gmail.com
15	Soman	Bachelor of Computer Applications	soman@gmail.com

20. Select the Students details and their Batch name also

select s.* ,b.Batchname AS Batch_Name from tblbatch b JOIN tblstudent s ON s.Batchid=b.Batch_id ;

	Student_id	Student_Name	Student_Email	Student_Gender	Student_DOB	Courseid	Batchid	Student_mark	Batch_Name
1	1000	Anumol	anu@gmail.com	F	1999-04-05	100	1	80	2018-19
2	1001	Sneha	sneha@gmail.com	F	1999-08-09	101	2	90	2019-20
3	1002	Anurag	anu2@gmail.com	M	1999-06-09	102	3	50	2020-21
4	1003	Shalini	shalini@gmail.com	F	1999-06-07	103	4	80	2021-22
5	1004	Ajeesh	ajeesh@gmail.com	M	1999-08-04	102	1	50	2018-19
6	1009	VARUN	varun@gmail.com	M	1999-02-03	102	1	85	2018-19
7	1010	VARUN R	varunm@gmail.com	M	1999-02-03	102	5	85	2017-18
8	1013	mohan	mohan@gmail.com	M	1999-09-08	103	2	95	2019-20
9	1014	ambika	ambika@gmail.com	F	1992-04-06	100	5	40	2017-18
10	1015	Manu	manu@gmail.com	M	1994-04-06	101	3	30	2020-21
11	1016	Annmary	Annmary@gmail.com	F	1992-02-06	102	2	80	2019-20
12	1017	Sreerag	sree@gmail.com	M	1999-05-03	103	1	80	2018-19
13	1018	Soman	soman@gmail.com	M	1999-07-06	100	4	85	2021-22

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

SELECT b.Batchname,COUNT(case when Student_Gender='M' then 1 end) AS Total_Male, COUNT(case when Student_Gender='F' then 1 end)As Total_Female from tblstudent s JOIN tblbatch b ON b.Batch_id=s.Batchid GROUP BY b.Batchname;

	Batchname	Total_Male	Total_Female
1	2017-18	1	1
2	2018-19	3	1
3	2019-20	1	2
4	2020-21	2	0
5	2021-22	1	1

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

SELECT Student_Name FROM tblstudent WHERE Student_Mark=(select MAX(Student_Mark)from tblstudent where Courseid=(select Course_id from tblcourse where Courseshortname='BCA'));

	Student_Name
1	VARUN
2	VARUN R
3	Soman

23. Select the Male MCA Student who have Minimum Mark

SELECT Student_Name FROM tblstudent WHERE Student_Mark=(select MIN(Student_Mark)from tblstudent where Courseid=(select Course_id from tblcourse where Courseshortname='MCA') and Student_Gender='M');

	Student_Name
1	MOHAN

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

SELECT * FROM tblstudent WHERE Student_Mark >(select AVG(Student_Mark)from tblstudent where Courseid IN (select Course_id from tblcourse where Coursetype='UG'))AND Courseid IN (select Course_id from tblcourse where Coursetype='UG');

	Student_id	Student_Name	Student_Email	Student_Gender	Student_DOB	Courseid	Batchid	Student_mark
1	1000	Anumol	anu@gmail.com	F	1999-04-05	100	1	80
2	1001	Sneha	sneha@gmail.com	F	1999-08-09	101	2	90
3	1009	VARUN	varun@gmail.com	M	1999-02-03	102	1	85
4	1010	VARUN R	varunm@gmail.com	M	1999-02-03	102	5	85
5	1016	Annmary	Annmary@gmail.com	F	1992-02-06	102	2	80
6	1018	Soman	soman@gmail.com	M	1999-07-06	100	4	85

25. Select the BCA student details who have Max Mark

SELECT * FROM tblstudent WHERE Student_Mark=(select MAX(Student_Mark)from tblstudent where Courseid=(select Course_id from tblcourse where Courseshortname='BCA'));

	Student_id	Student_Name	Student_Email	Student_Gender	Student_DOB	Courseid	Batchid	Student_mark
1	1009	VARUN	varun@gmail.com	M	1999-02-03	102	1	85
2	1010	VARUN R	varunm@gmail.com	M	1999-02-03	102	5	85
3	1018	Soman	soman@gmail.com	M	1999-07-06	100	4	85

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

SELECT Student_Name,Student_Email from tblstudent where Student_Mark= (select MAX(Student_Mark) FROM tblstudent WHERE Student_Mark < (SELECT MAX(Student_Mark) FROM tblstudent));

	Student_Name	Student_Email
1	Sneha	sneha@gmail.com

27. Select the Dob and Current Age of All students

Select Student_Name,Student_Dob,datediff(YY,Student_DOB,getdate()) as Age from tblstudent;

	Student_Name	Student_Dob	Age
1	Anumol	1999-04-05	23
2	Sneha	1999-08-09	23
3	Anurag	1999-06-09	23
4	Shalini	1999-06-07	23
5	Ajeesh	1999-08-04	23
6	Mohit	1999-04-09	23
7	VARUN	1999-02-03	23
8	VARUN R	1999-02-03	23
9	MOHAN	1999-02-09	23
10	mohan	1999-09-08	23
11	ambika	1992-04-06	30
12	Manu	1994-04-06	28
13	Annmary	1992-02-06	30
14	Sreerag	1999-05-03	23
15	Soman	1999-07-06	23

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

Select Student_Name,DATENAME(MONTH,DATEADD(MONTH,MONTH (Student_DOB),-1)) AS Birth_Month,YEAR(Student_DOB) AS Year_Of_Birth FROM tblstudent;

	Student_Name	Birth_Month	Year_Of_Birth
1	Anumol	April	1999
2	Sneha	August	1999
3	Anurag	June	1999
4	Shalini	June	1999
5	Ajeesh	August	1999
6	Mohit	April	1999
7	VARUN	February	1999
8	VARUN R	February	1999
9	MOHAN	February	1999
10	mohan	September	1999
11	ambika	April	1992
12	Manu	April	1994
13	Annmary	February	1992
14	Sreerag	May	1999

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

select Student_Email,Student_DOB from tblstudent where Courseid=(select Course_id from tblcourse where Courseshortname='MCA') AND Student_Gender='F';

	Student_Email	Student_DOB
1	shalini@gmail.com	1999-06-07

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

SELECT c.Courseshortname AS Course, MAX(s.Student_Mark) AS Max_Mark FROM tblcourse c JOIN tblstudent s ON s.Courseid = c.Course_id GROUP BY c.Courseshortname;

	Course	Max_Mark
1	BA	85
2	BCA	85
3	BSc.CS	90
4	MCA	95

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

Select * from tblstudent where YEAR(Student_DOB)<1995;

	Student_id	Student_Name	Student_Email	Student_Gender	Student_DOB	Courseid	Batchid	Student_mark
1	1014	ambika	ambika@gmail.com	F	1992-04-06	100	5	40
2	1015	Manu	manu@gmail.com	M	1994-04-06	101	3	30
3	1016	Annmary	Annmary@gmail.com	F	1992-02-06	102	2	80

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

Select * from tblstudent where Courseid=(select Courseid from tblcourse where Courseshortname='BCA') AND YEAR(Student_DOB)BETWEEN 1992 AND 1996;

	Student_id	Student_Name	Student_Email	Student_Gender	Student_DOB	Courseid	Batchid	Student_mark
1	1014	ambika	ambika@gmail.com	F	1992-04-06	100	5	40
2	1015	Manu	manu@gmail.com	M	1994-04-06	101	3	30
3	1016	Annmary	Annmary@gmail.com	F	1992-02-06	102	2	80

34. Select the details of Male PG Students

SELECT * FROM tblstudent WHERE Student_Gender='M' AND Courseid in(select Course_id from tblcourse where Coursetype='PG');

	Student_id	Student_Name	Student_Email	Student_Gender	Student_DOB	Courseid	Batchid	Student_mark
1	1005	Mohit	mohit@gmail.com	M	1999-04-09	103	100	60
2	1012	MOHAN	mohan@gmail.com	M	1999-02-09	103	6	45
3	1013	mohan	mohan@gmail.com	M	1999-09-08	103	2	95
4	1017	Sreerag	sree@gmail.com	M	1999-05-03	103	1	80

35. Select the details BA – 2019-2020 Batch Students

SELECT * FROM tblstudent WHERE Courseid=(select Course_Id from tblcourse where Courseshortname='BA')AND Batchid=(SELECT Batch_id FROM tblbatch WHERE Batchname='2019-20');

	Student_id	Student_Name	Student_Email	Student_Gender	Student_DOB	Courseid	Batchid	Student_mark
1	1016	Annmary	Annmary@gmail.com	F	1992-02-06	102	2	80

36. 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;

	Student_Name
1	ambika

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

SELECT Student_Name,Student_Email from tblstudent WHERE Courseid=(select Course_id from tblcourse where Courseshortname='BCA') ORDER BY datediff(YY,Student_DOB,getdate()) ASC OFFSET 0 ROWS FETCH FIRST 1 ROWS ONLY;

	Student_Name	Student_Email
1	Anumol	anu@gmail.com

38. 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_Email	Student_Gender	Student_DOB	Courseid	Batchid	Student_mark
1	1013	mohan	mohan@gmail.com	M	1999-09-08	103	2	95
2	1001	Sneha	sneha@gmail.com	F	1999-08-09	101	2	90
3	1004	Ajeesh	ajeesh@gmail.com	M	1999-08-04	102	1	50
4	1018	Soman	soman@gmail.com	M	1999-07-06	100	4	85
5	1002	Anurag	anu2@gmail.com	M	1999-06-09	102	3	50
6	1003	Shalini	shalini@gmail.com	F	1999-06-07	103	4	80
7	1017	Sreerag	sree@gmail.com	M	1999-05-03	103	1	80
8	1005	Mohit	mohit@gmail.com	M	1999-04-09	103	100	60
9	1000	Anumol	anu@gmail.com	F	1999-04-05	100	1	80
10	1012	MOHAN	mohan@gmail.com	M	1999-02-09	103	6	45
11	1009	VARUN	varun@gmail.com	M	1999-02-03	102	1	85
12	1010	VARUN R	varunm@gmail.com	M	1999-02-03	102	5	85
13	1015	Manu	manu@gmail.com	M	1994-04-06	101	3	30
14	1014	ambika	ambika@gmail.com	F	1992-04-06	100	5	40
15	1016	Annmary	Annmary@gmail.com	F	1992-02-06	102	2	80

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

SELECT * FROM tblstudent WHERE Student_Mark BETWEEN 65 AND 91;

	Student_id	Student_Name	Student_Email	Student_Gender	Student_DOB	Courseid	Batchid	Student_mark
1	1000	Anumol	anu@gmail.com	F	1999-04-05	100	1	80
2	1001	Sneha	sneha@gmail.com	F	1999-08-09	101	2	90
3	1003	Shalini	shalini@gmail.com	F	1999-06-07	103	4	80
4	1009	VARUN	varun@gmail.com	M	1999-02-03	102	1	85
5	1010	VARUN R	varunm@gmail.com	M	1999-02-03	102	5	85
6	1016	Annmary	Annmary@gmail.com	F	1992-02-06	102	2	80
7	1017	Sreerag	sree@gmail.com	M	1999-05-03	103	1	80
8	1018	Soman	soman@gmail.com	M	1999-07-06	100	4	85

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

SELECT * FROM tblstudent WHERE Courseid=(SELECT Course_id from tblcourse where Courseshortname='BCA') ORDER BY Student_Mark DESC ;

	Student_id	Student_Name	Student_Email	Student_Gender	Student_DOB	Courseid	Batchid	Student_mark
1	1018	Soman	soman@gmail.com	M	1999-07-06	100	4	85
2	1000	Anumol	anu@gmail.com	F	1999-04-05	100	1	80
3	1014	ambika	ambika@gmail.com	F	1992-04-06	100	5	40