**Challenge 4**

**C#-FSD-DB**

**Submitted By:**

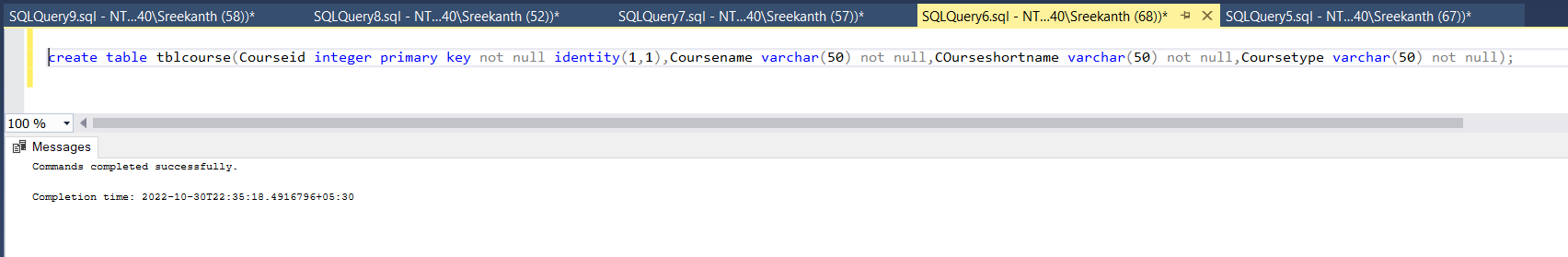
**Sreekanth G C**

**Emp ID:51503**

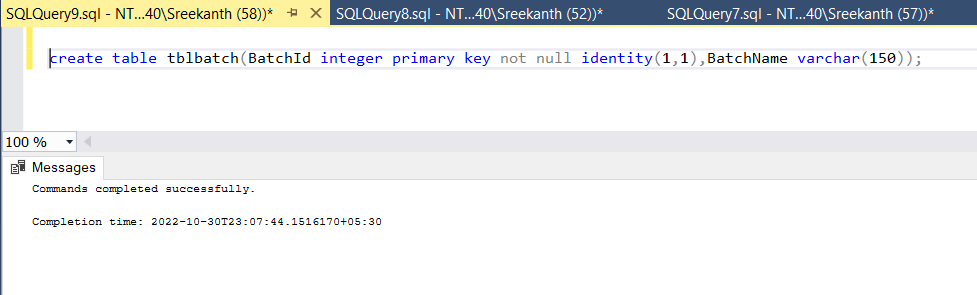
**DataBase Assignment**

**Create Table with the following fields**

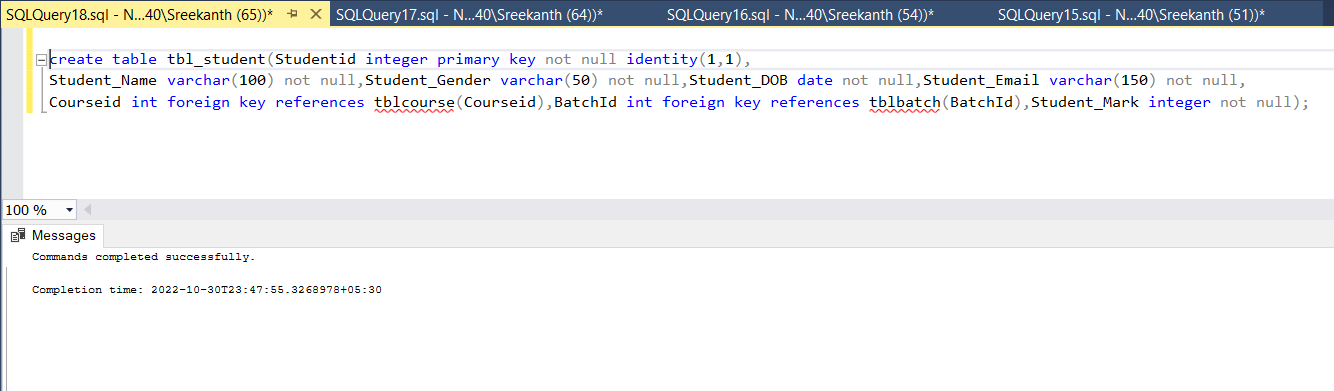
**1. tblcourse - Courseid(P.K,A.I), Coursename, Courseshortname,Coursetype**



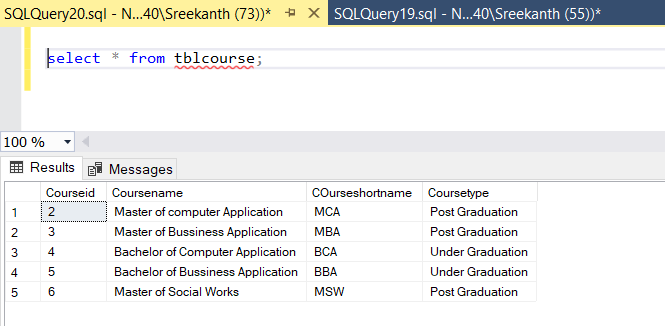
**2. tblbatch - BatchId(P.K,A.I), BatchName**



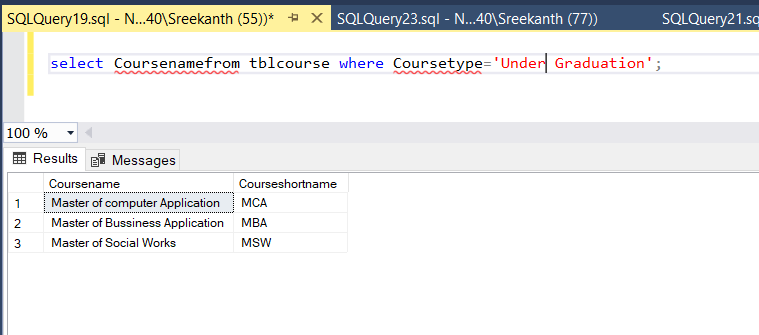
**3. tblstudent – Studentid(P.K,A.I), Student\_Name, Student\_Gender, Student\_DOB, Student\_Email, Courseid, BatchId, Student\_Mark**



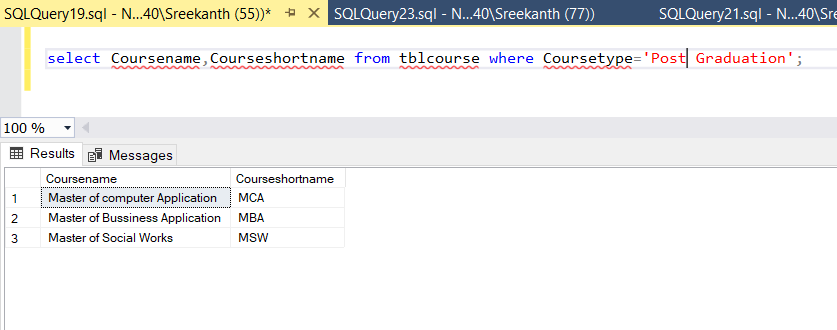
1. **Select all the details courses**



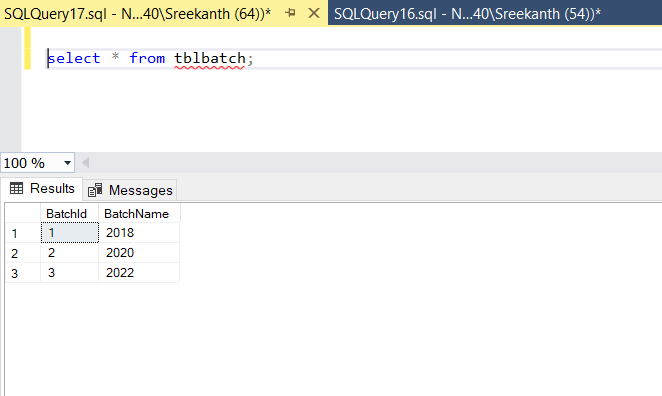
1. **Select the name of UG Courses**



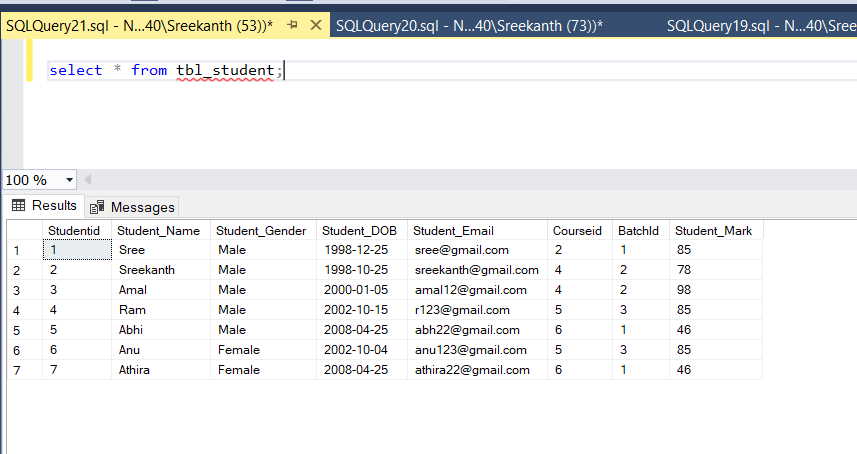
1. **Select the name and short name of PG Courses**



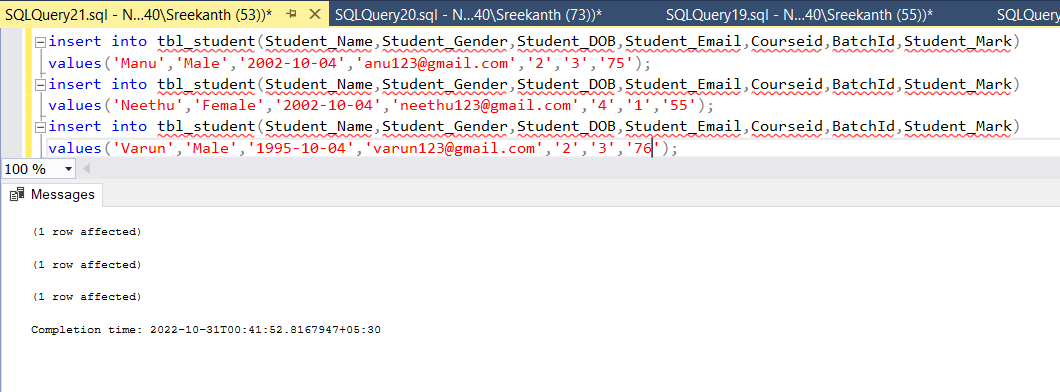
1. **Select the details of batches**



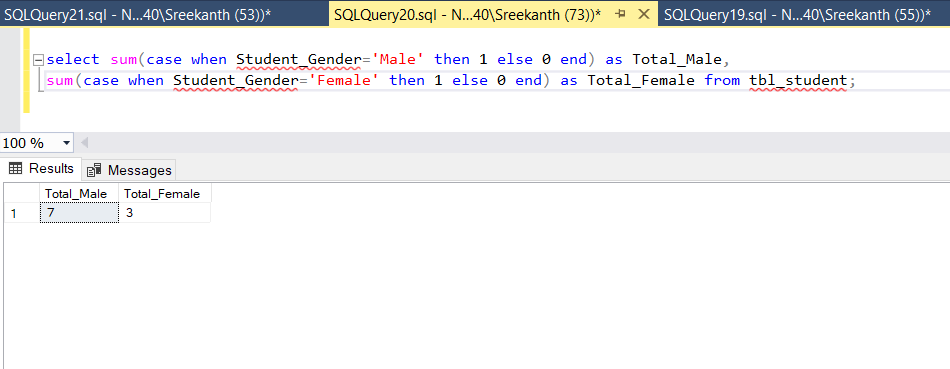
1. **Select the details of students**



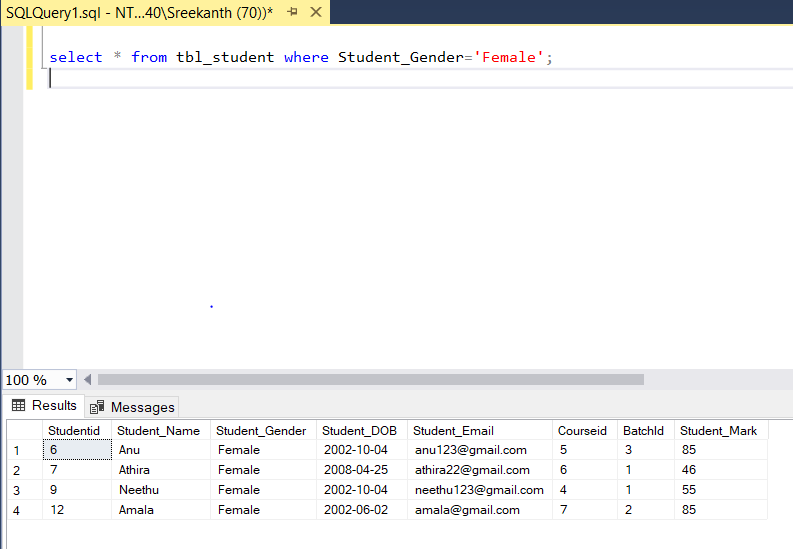
1. **Insert 3 students details whose course is MCA or BCA**



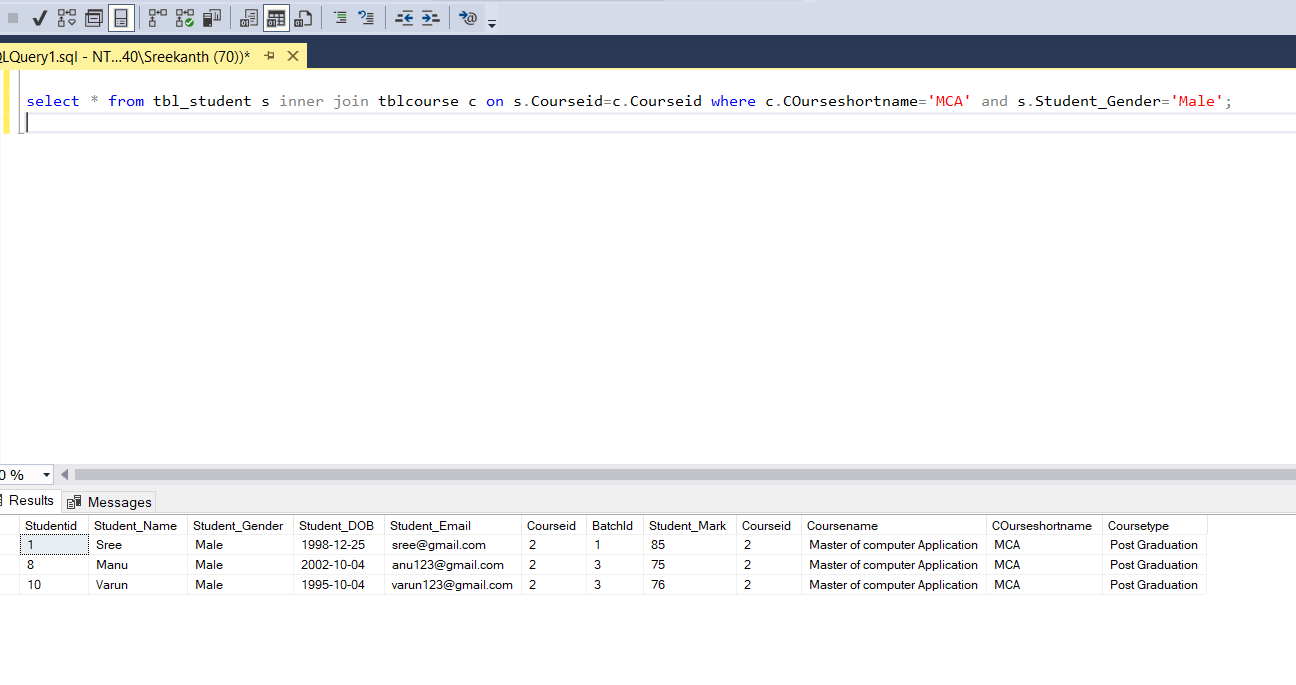
**7.Select the count of male and Female Students(use if case Statement)**



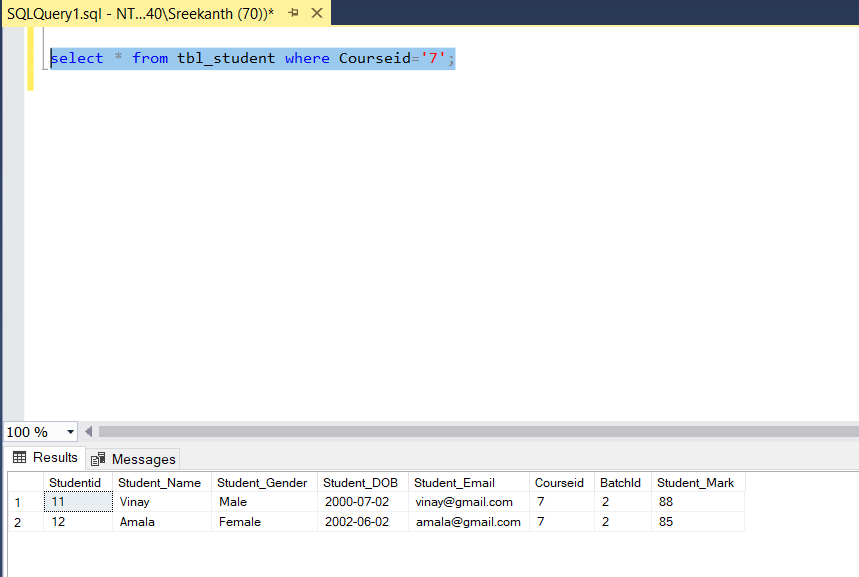
**8. Select the details of Female Students**



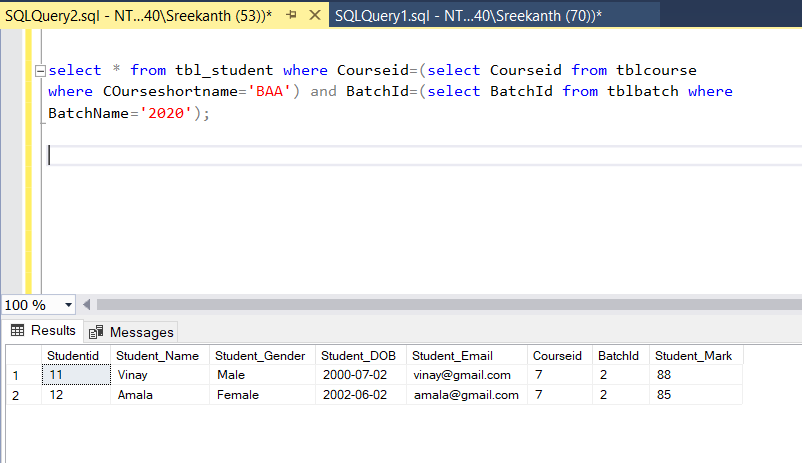
**9. Select the details Males students whose course is MCA**



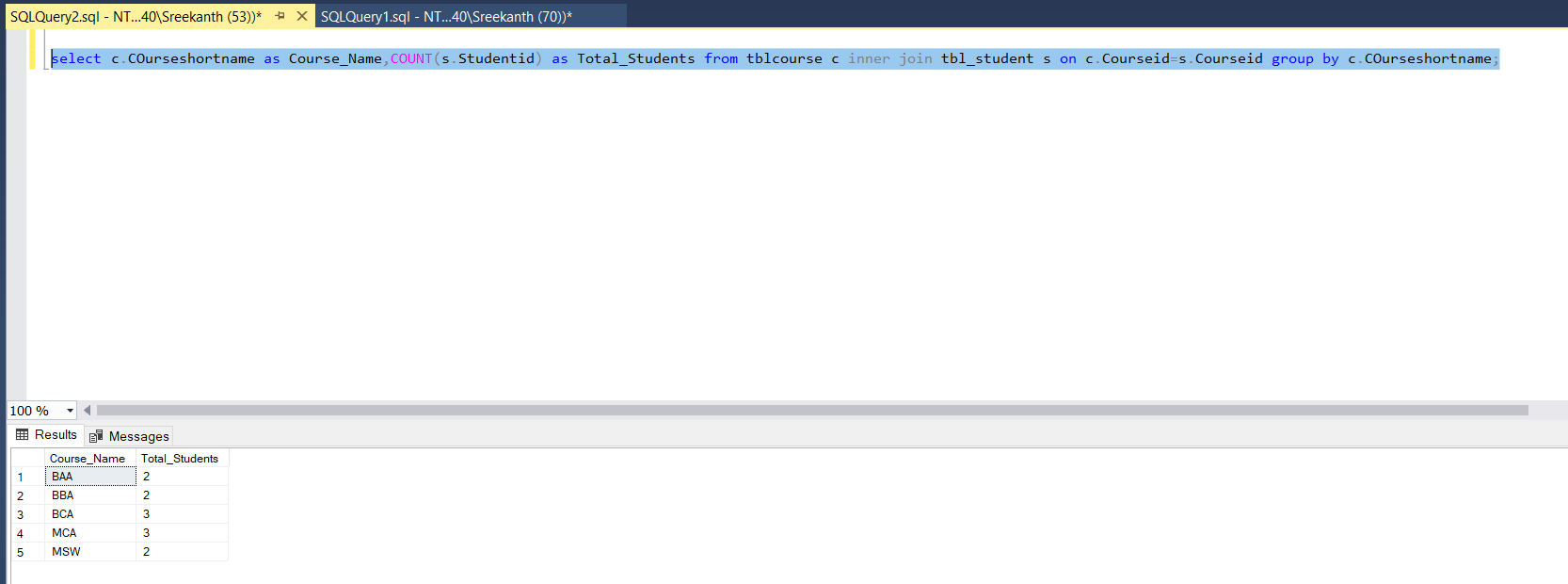
**10. Select the details BAA Students.**



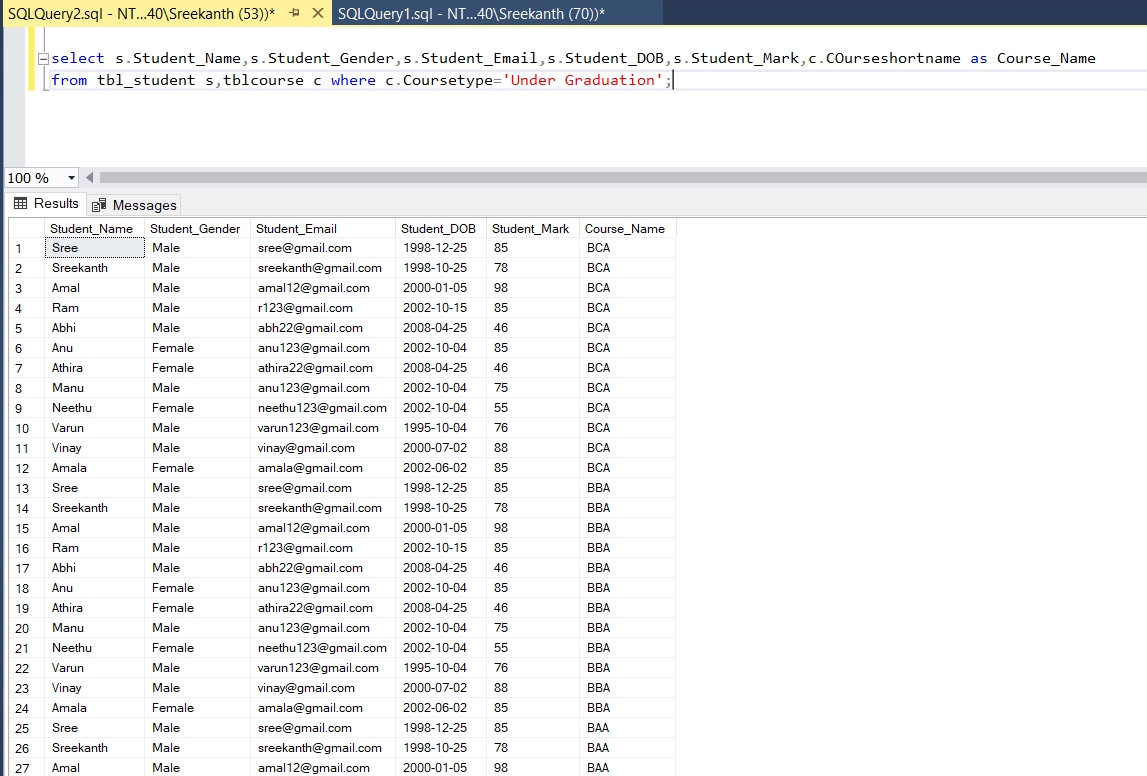
**11. Select the details of BAA students whose batch is 2017-2022**

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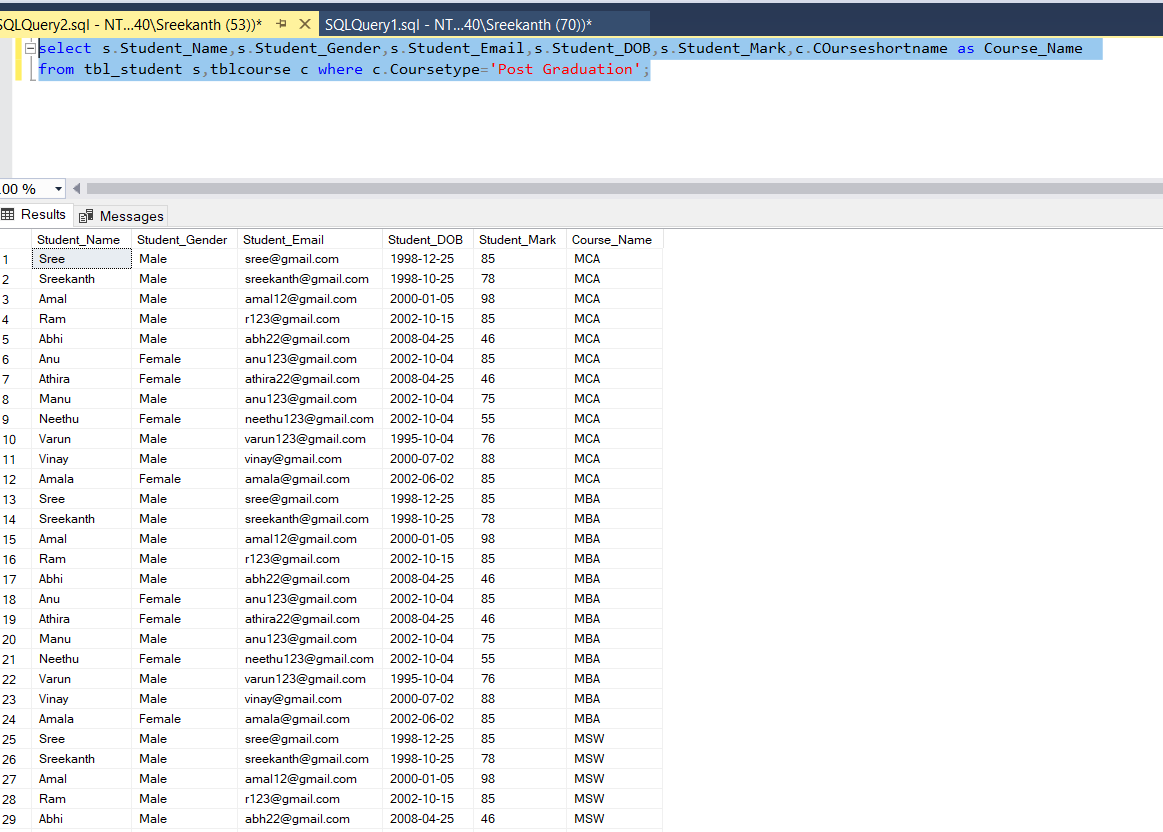
**12. Select all the course short name and total number of students .**



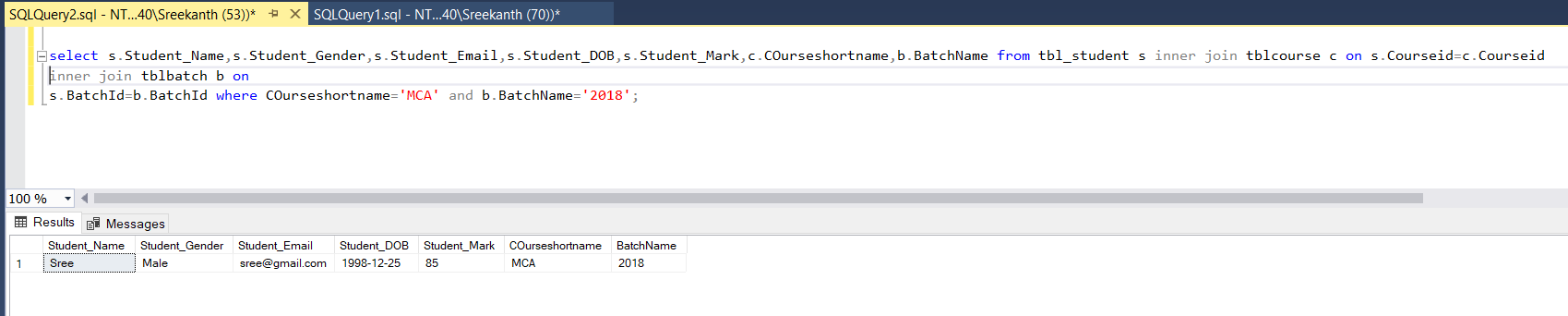
**13. Select the details UG Students**



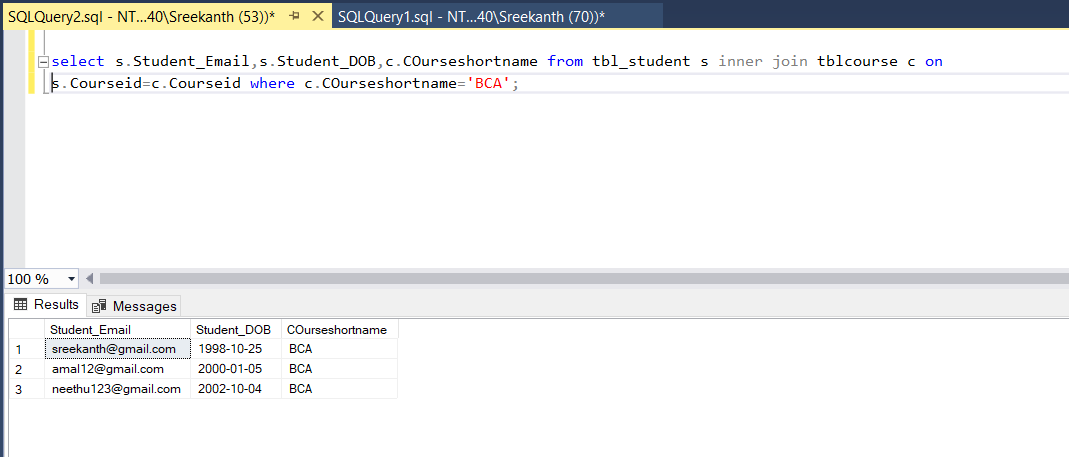
**14. Select the details of PG Students**



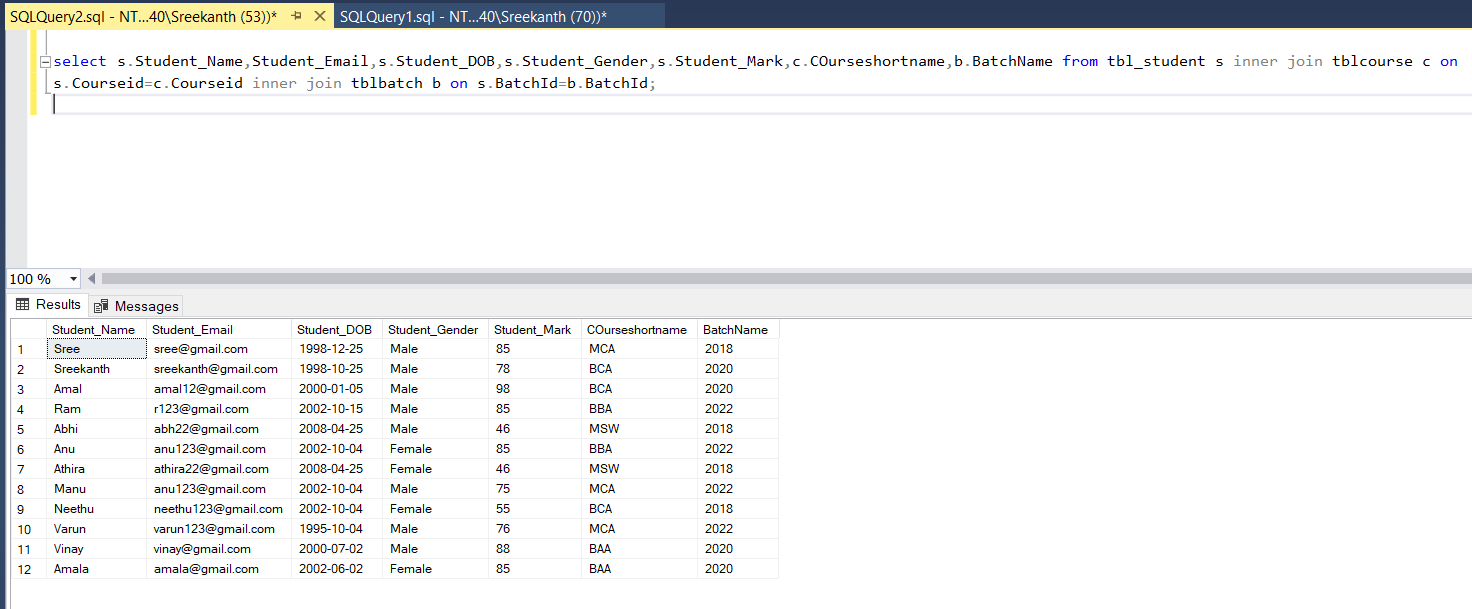
**15. Select the details of MCA Students whose batch is 2019-2021 .**



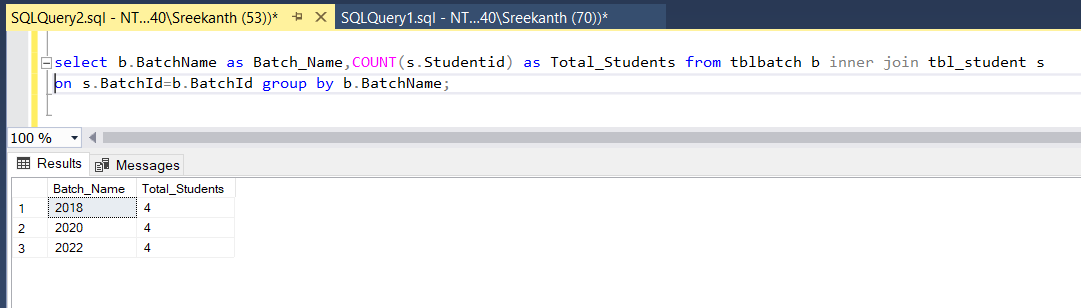
**16. Select the email and DOB of BCA Students**



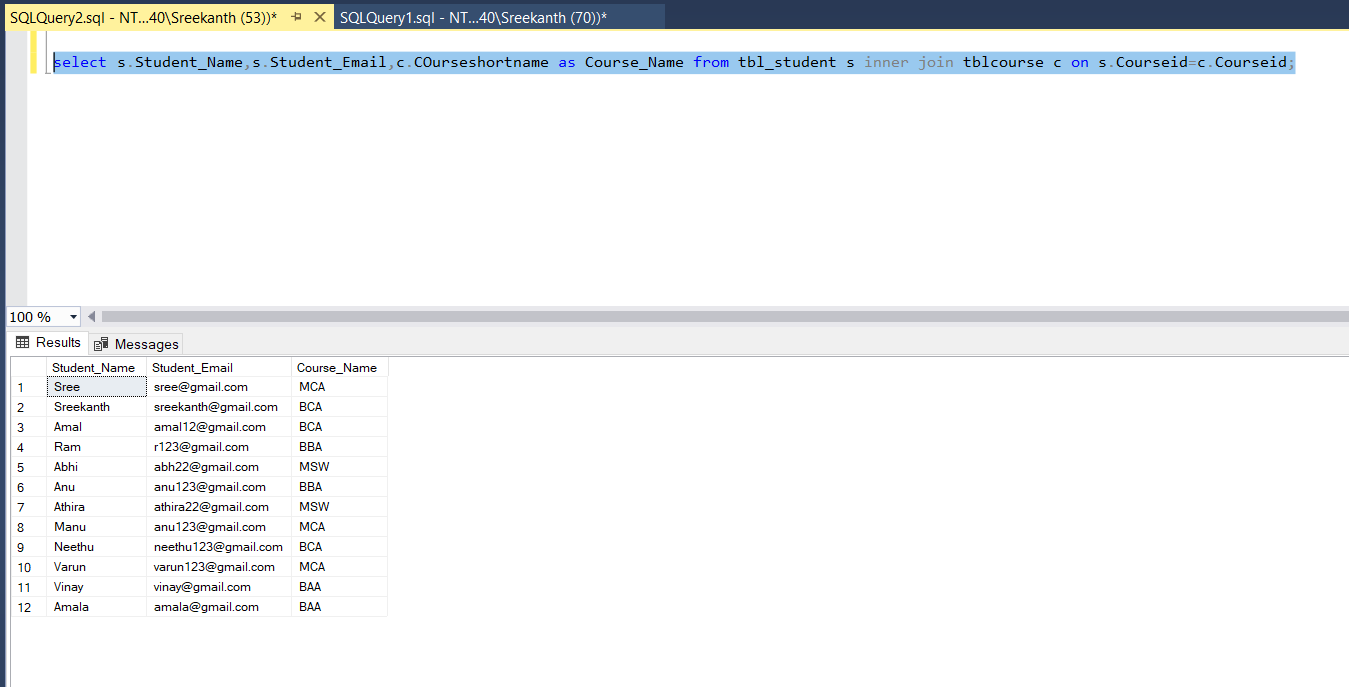
**17. Select the students details with their course name and batch name .**

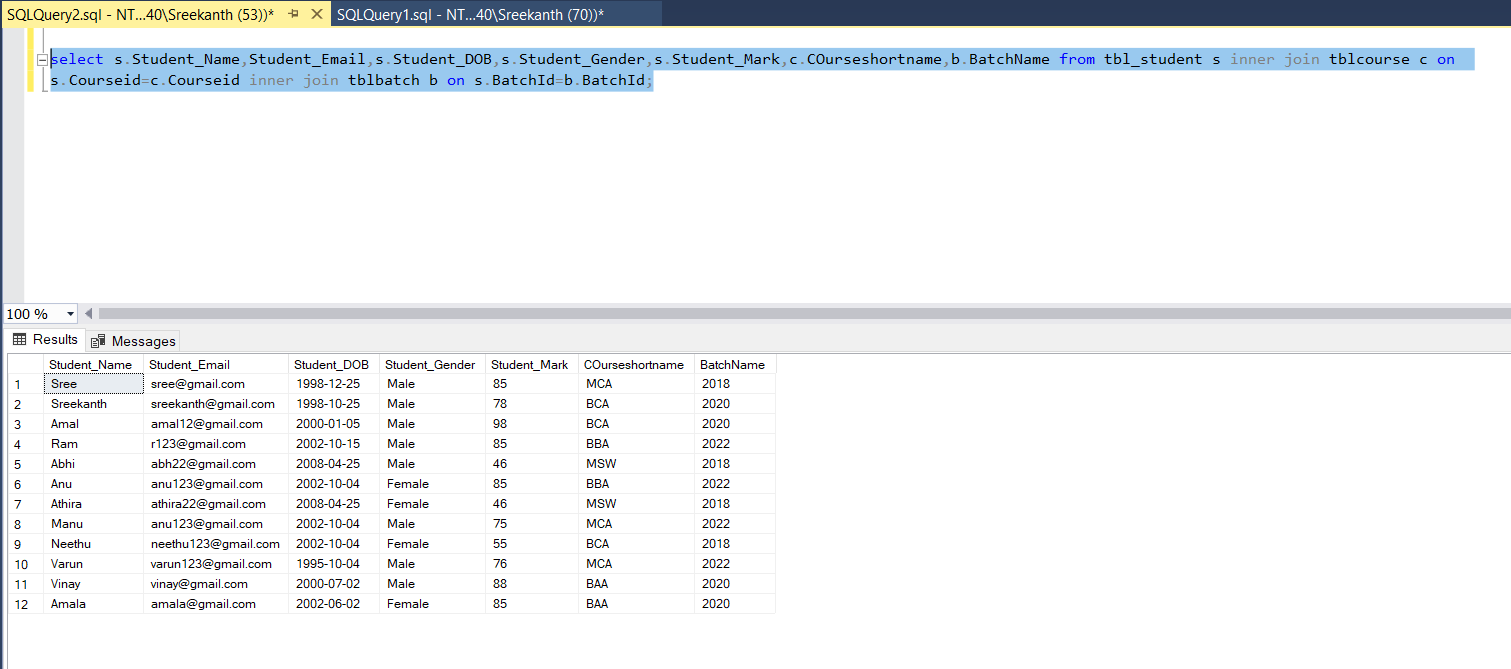


**18. Select Batch name and number of students**

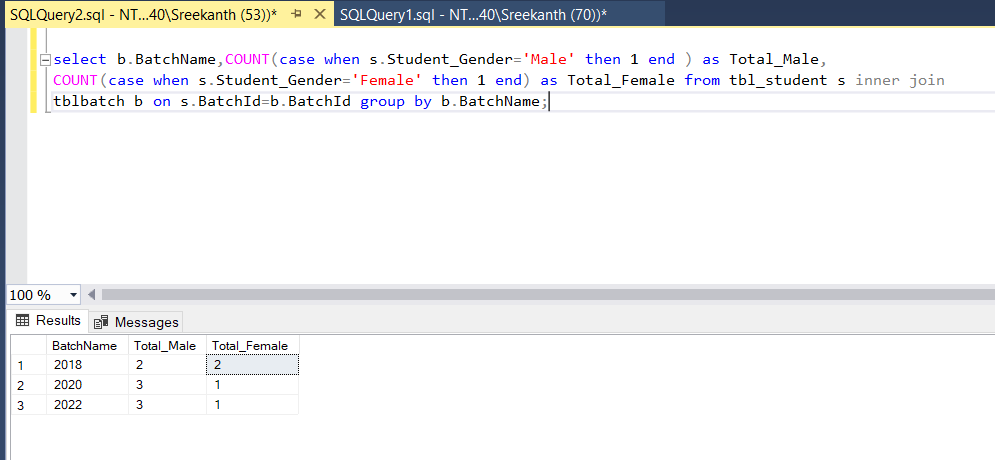


**19. Select the students name, course name and students email**

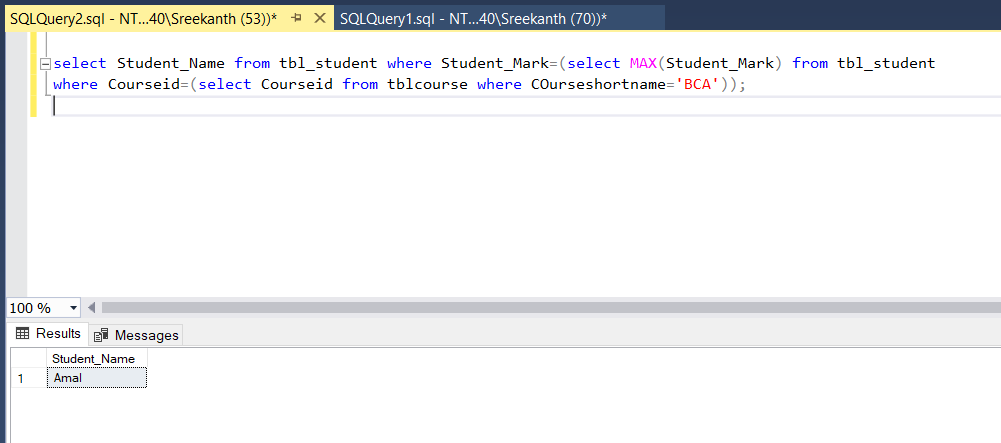


**20. Select the Students details and their Batch name also .**

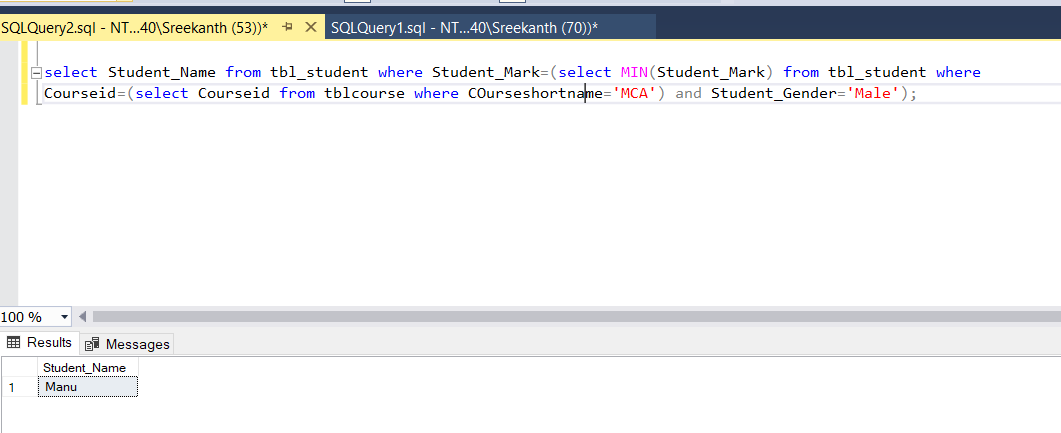
**21. Select the count of male and female students in batch wise**



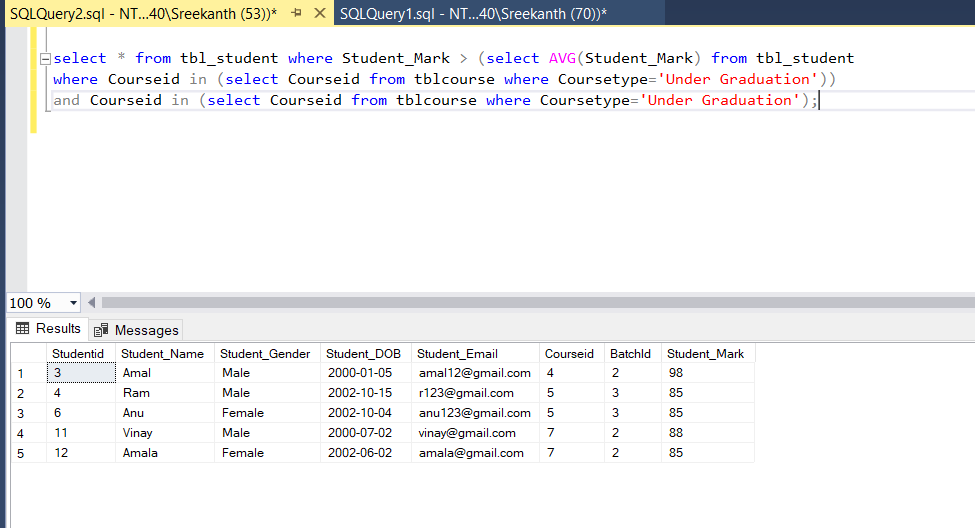
**22. Select the name of the BCA Student who have Maximum Mark.**



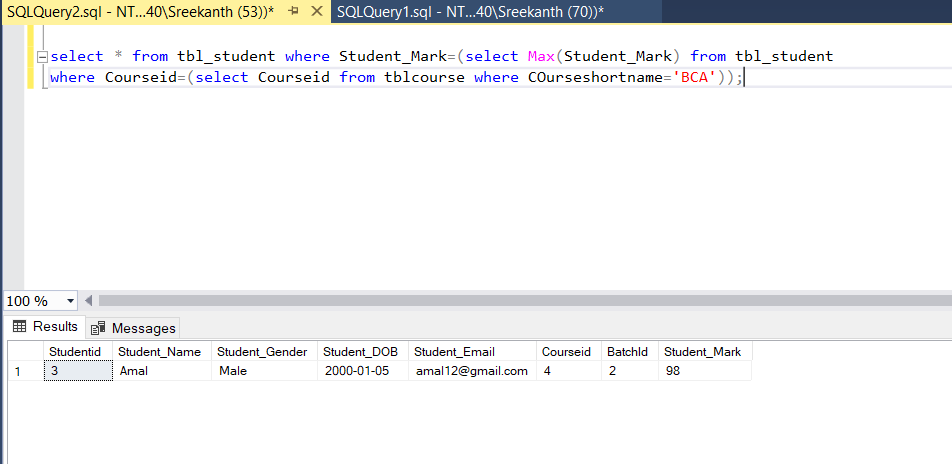
**23. Select the Male MCA Student who have Minimum Mark**



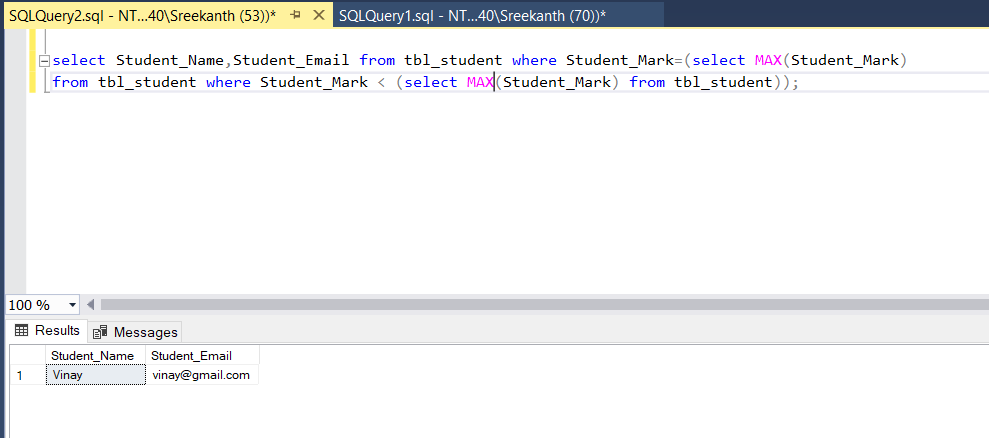
**24. Select the students details of UG Students who have greater than the average mark**



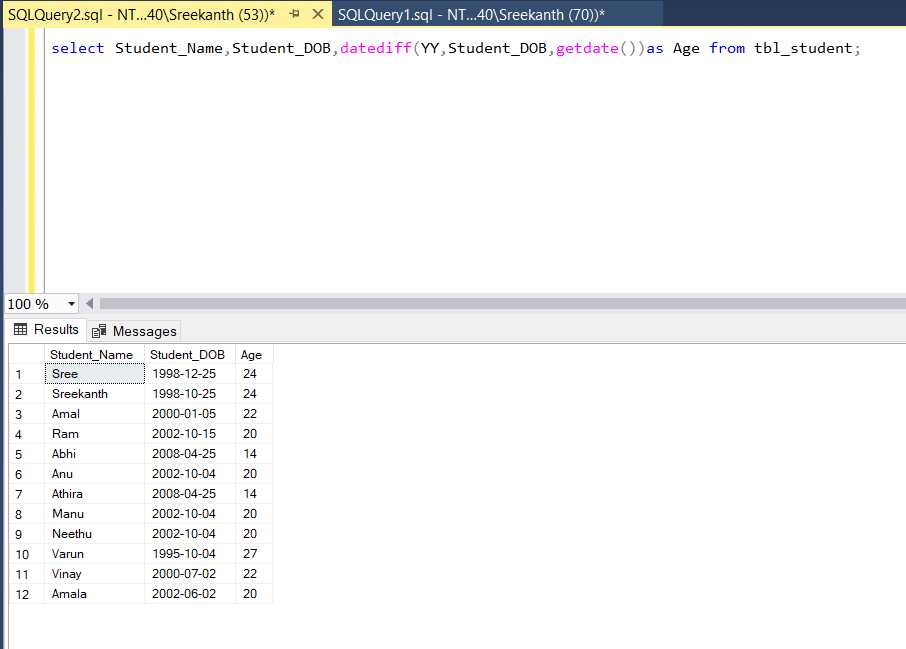
**25. Select the BCA student details who have Max Mark**



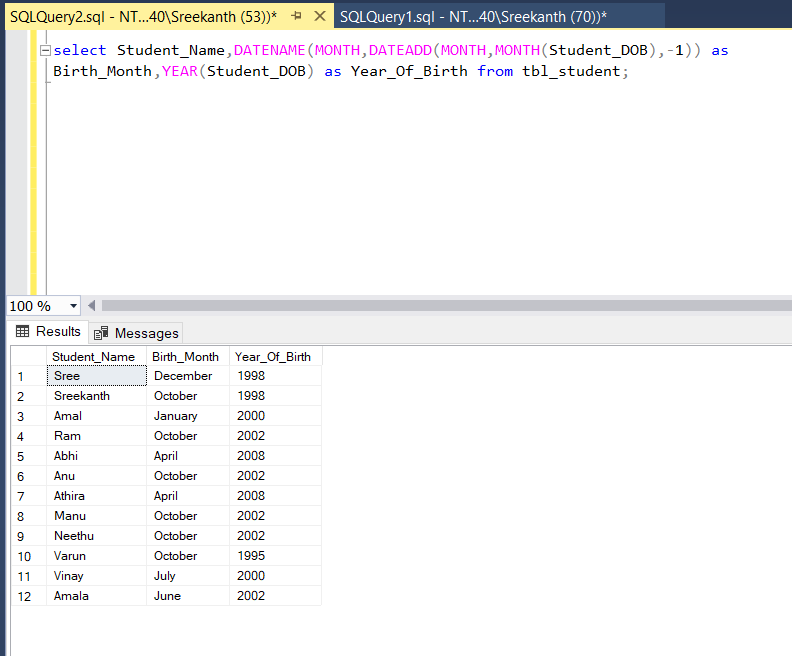
**26.Select Name and Email of the students who have second highest mark**



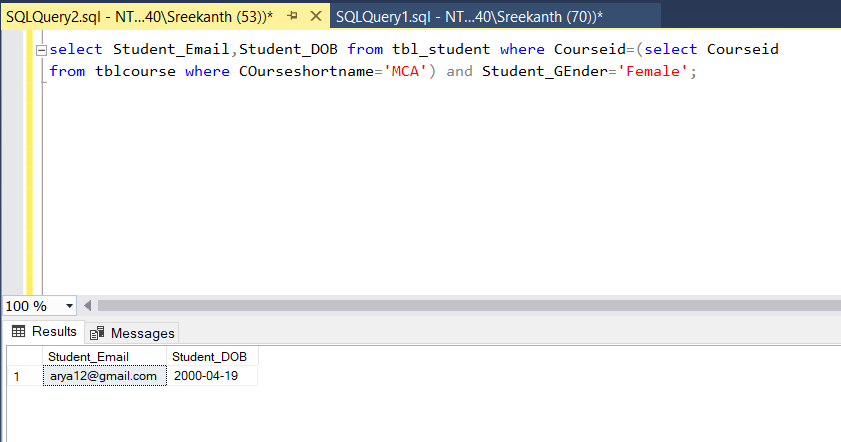
**27. Select the Dob and Current Age of All students**



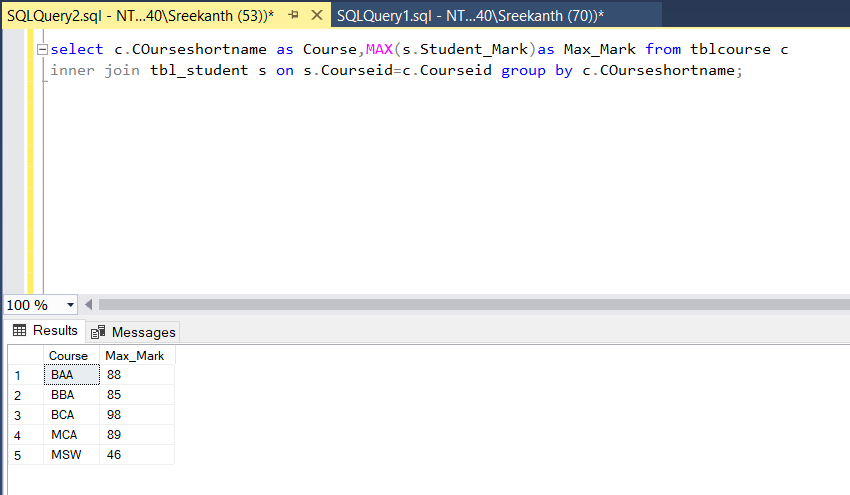
**28. Select the Student name , Month name of birth and year of birth for all the students**



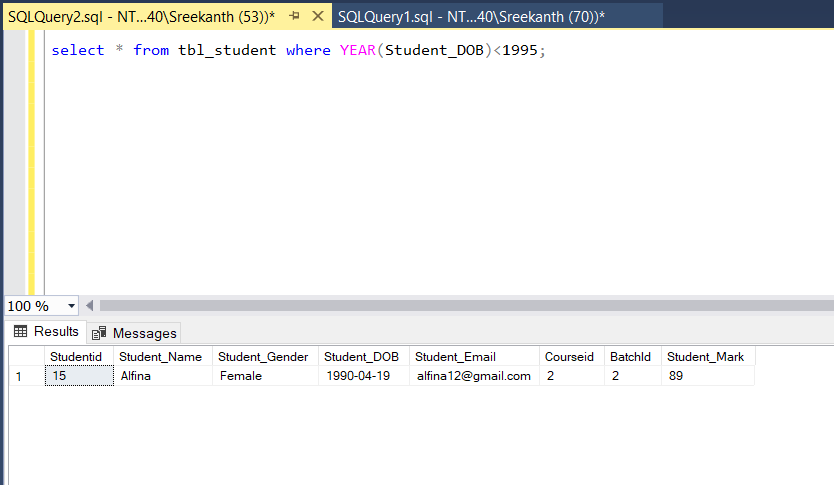
**29. Select the Email and Student DOB of MCA Female Student**



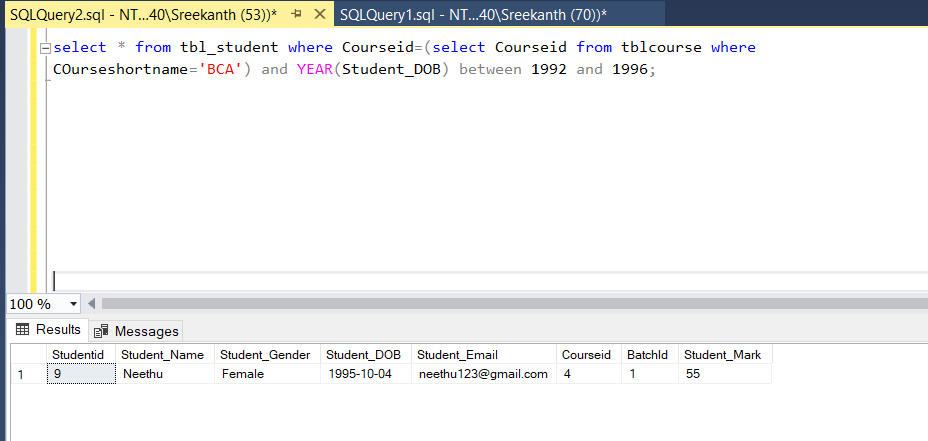
**30. Select the name of all the students who have maximum mark in course wise**



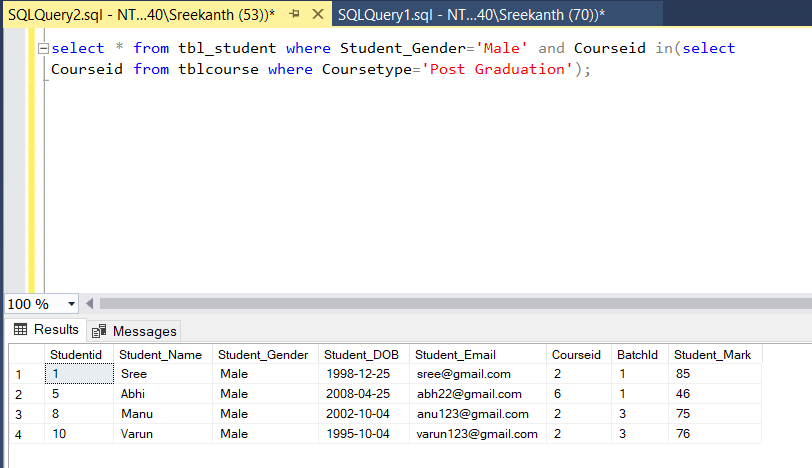
**31. Select the Details students whose year of birth less than 1995**



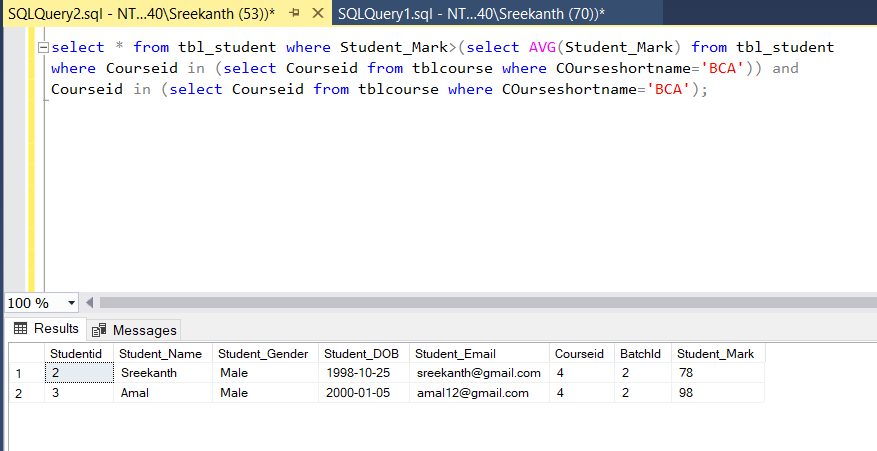
**33. Select details of BCA Students whose year of birth between 1992 and 1996**



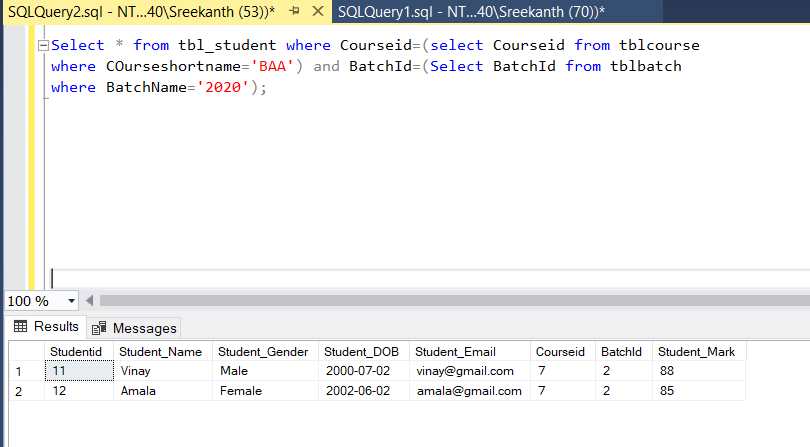
**34. Select the details of Male PG Students**



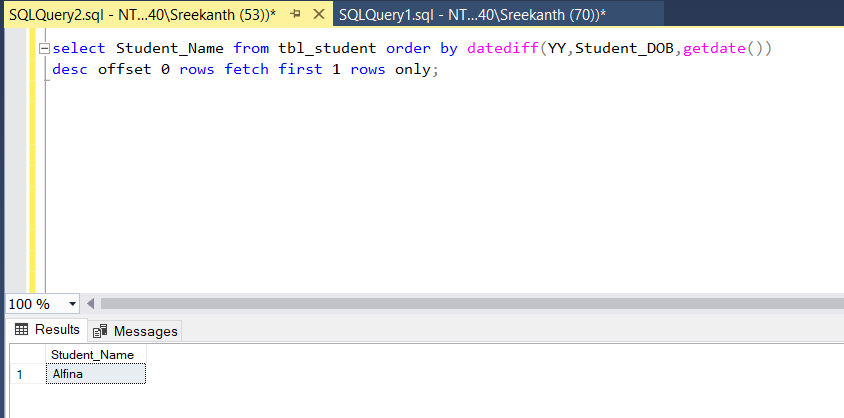
**35. Select the details of BCA Students who have greater than average mark**



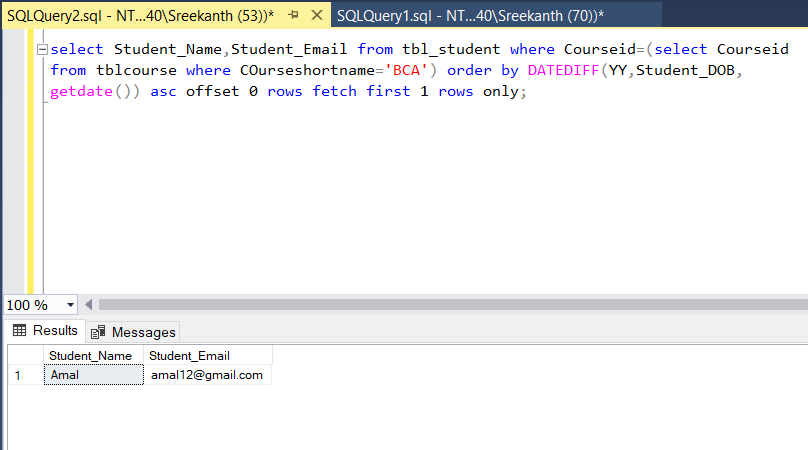
**35. Select the details BA – 2019-2020 Batch Students**



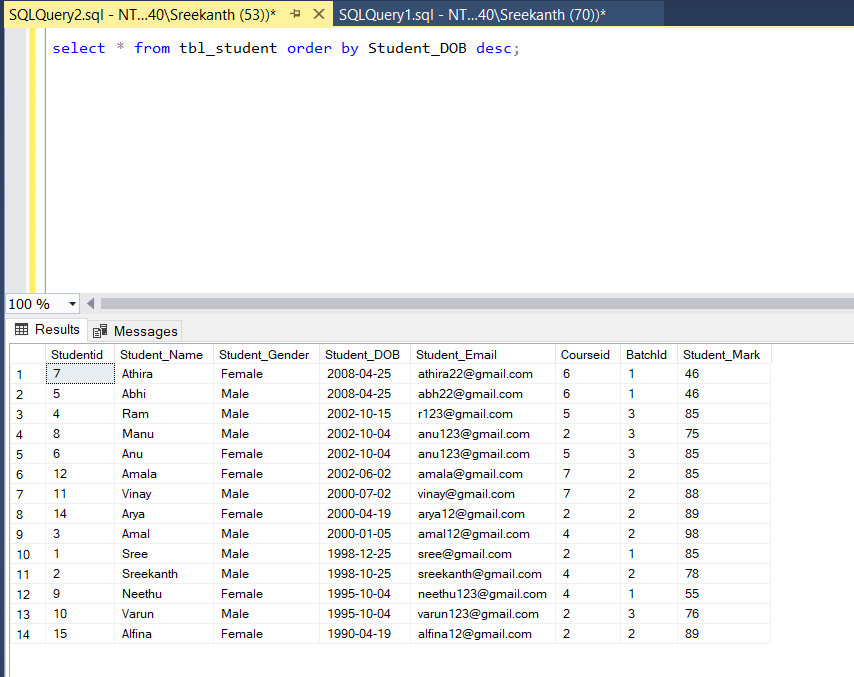
**36. Select the name of student having maximum age?**



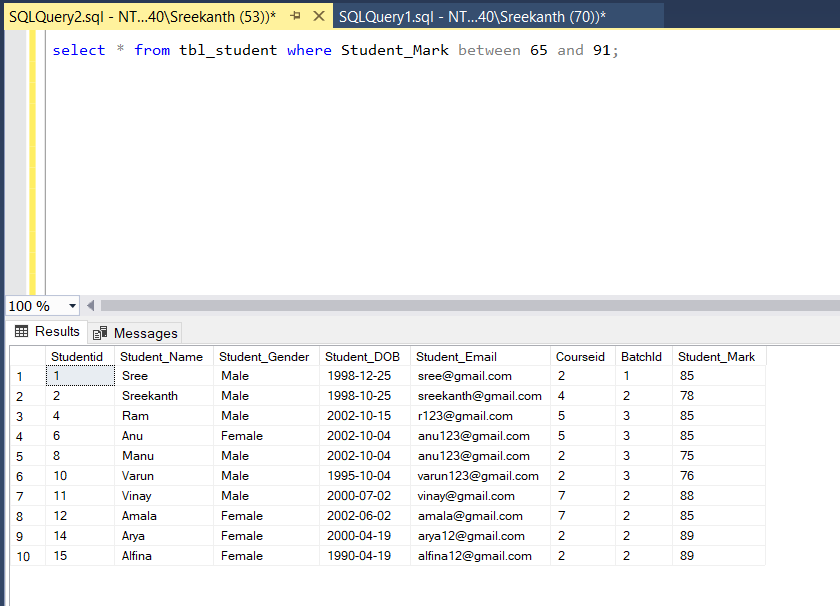
**37. Select the name and email of the BCA Students whose have Minimum age**



**38. Select the details of the students in descending order of their DOB**



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



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

