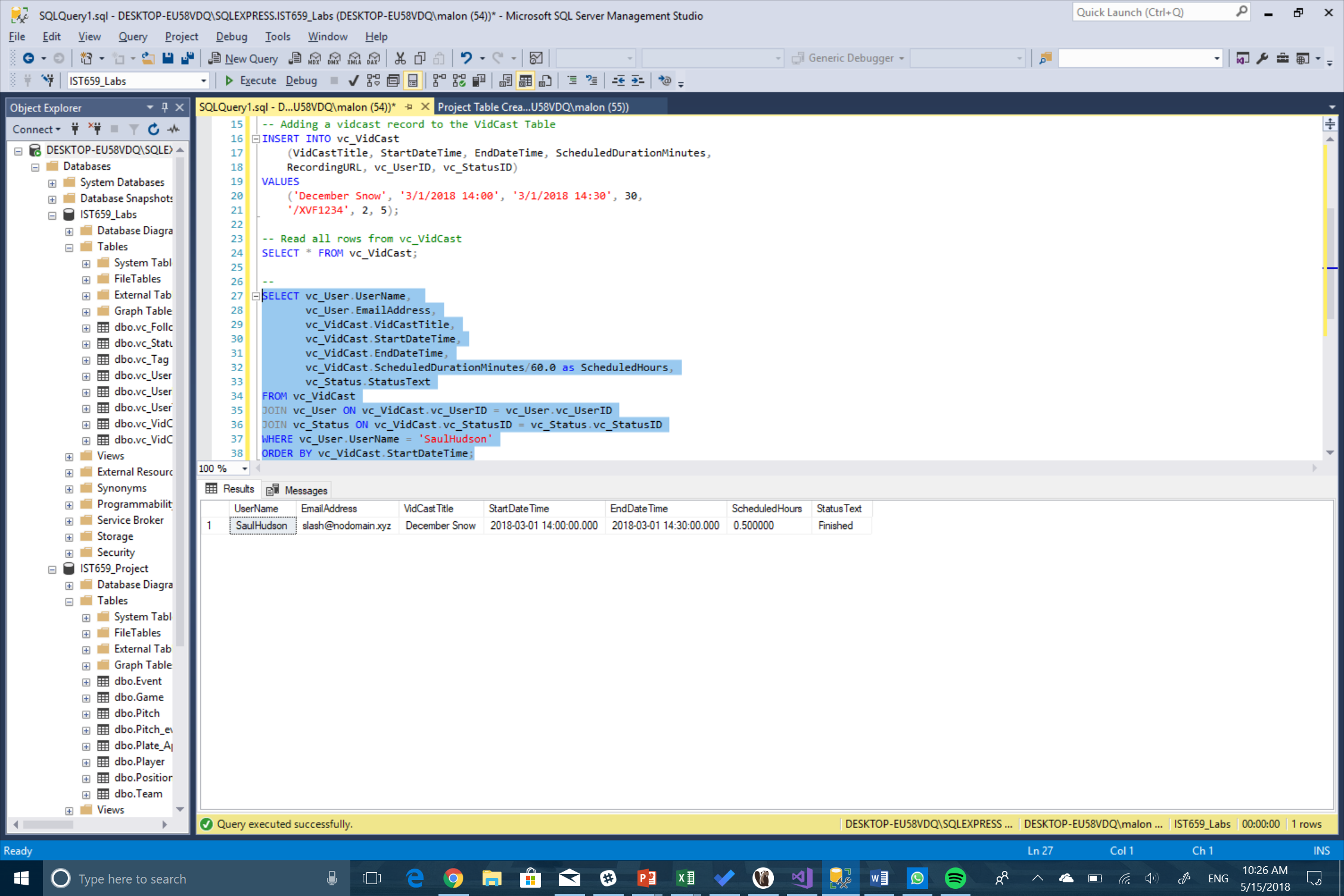
Part 1 – Filling Tables with Data

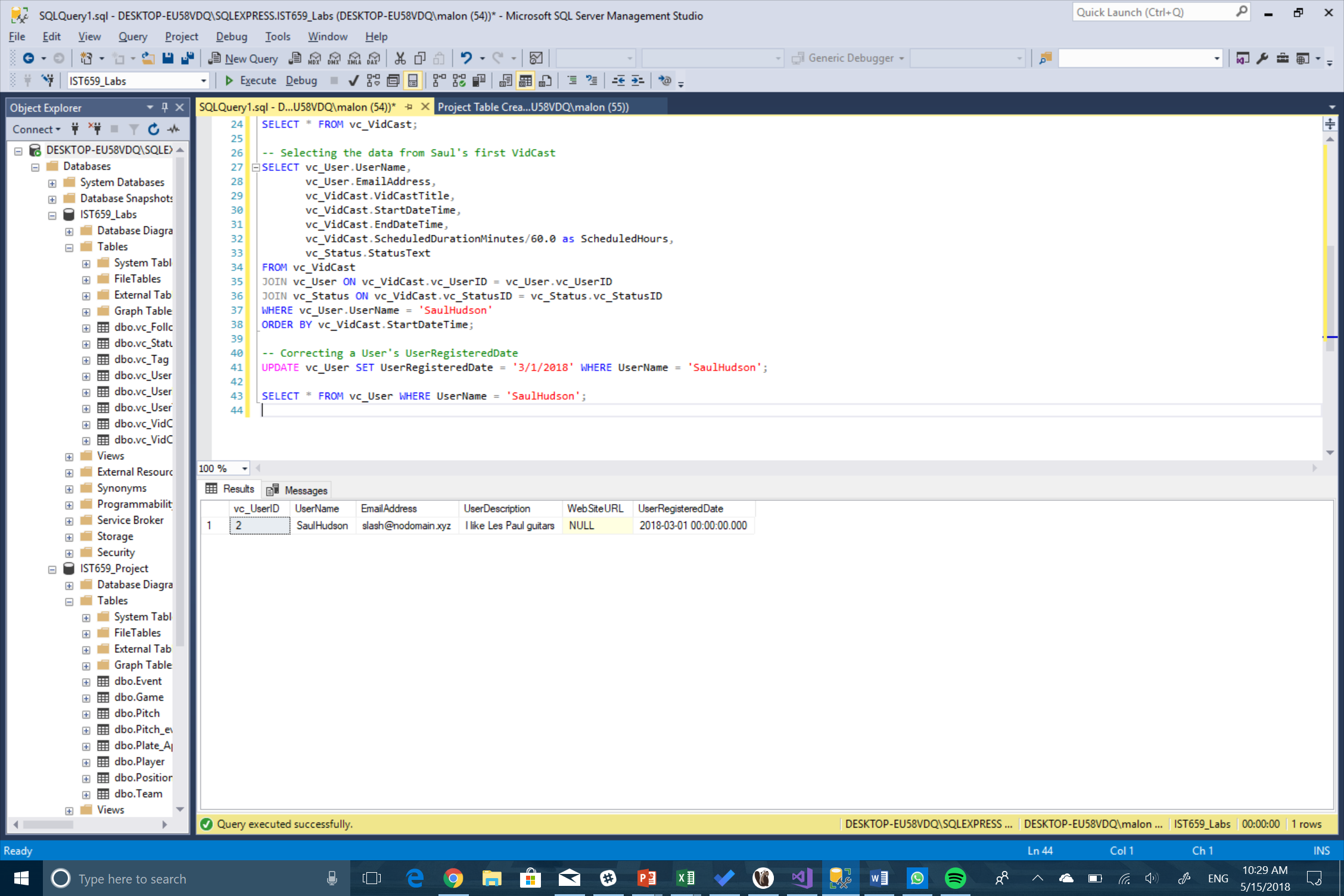
1. First VidCast



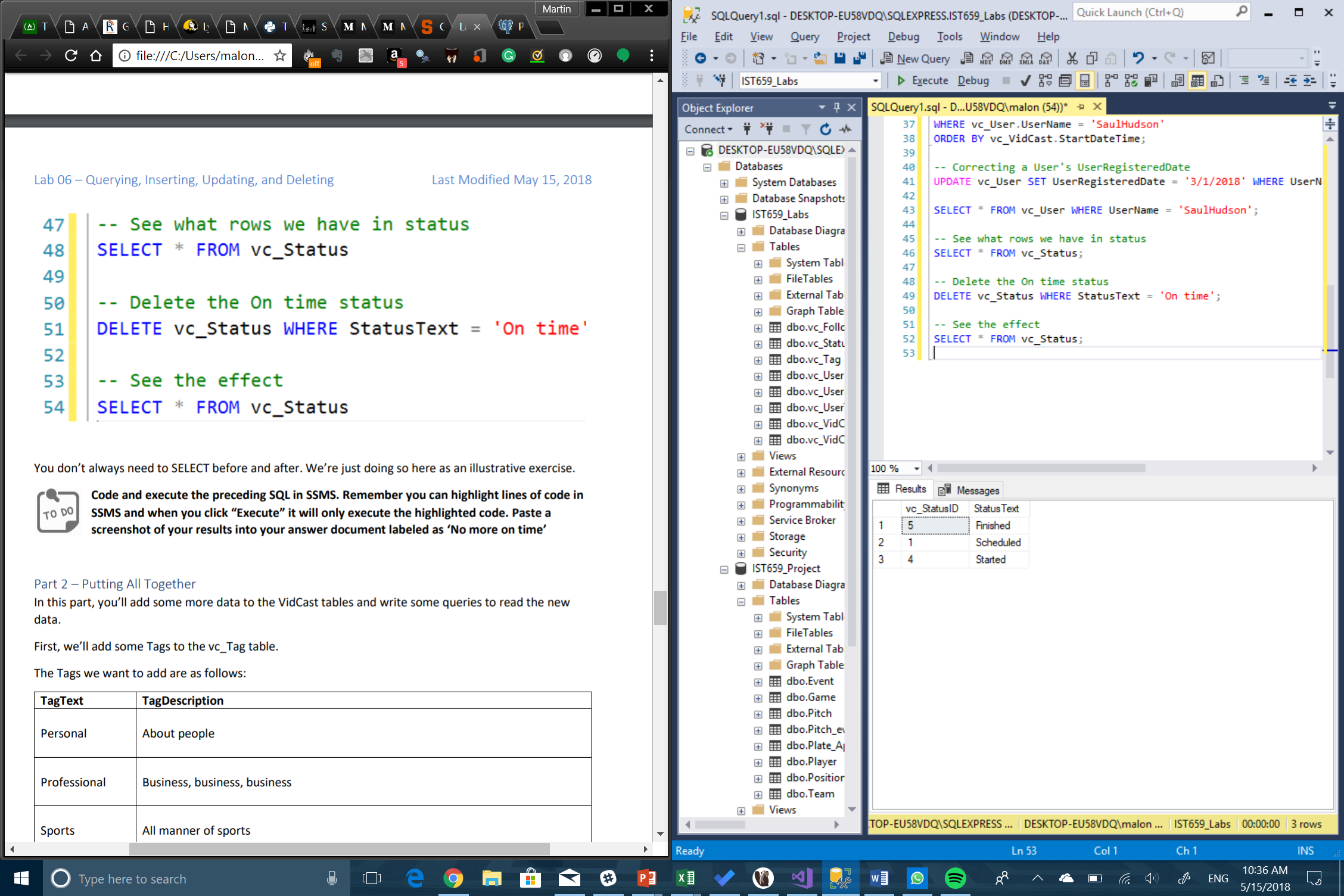
1. Saul’s First VidCast



1. Update a User

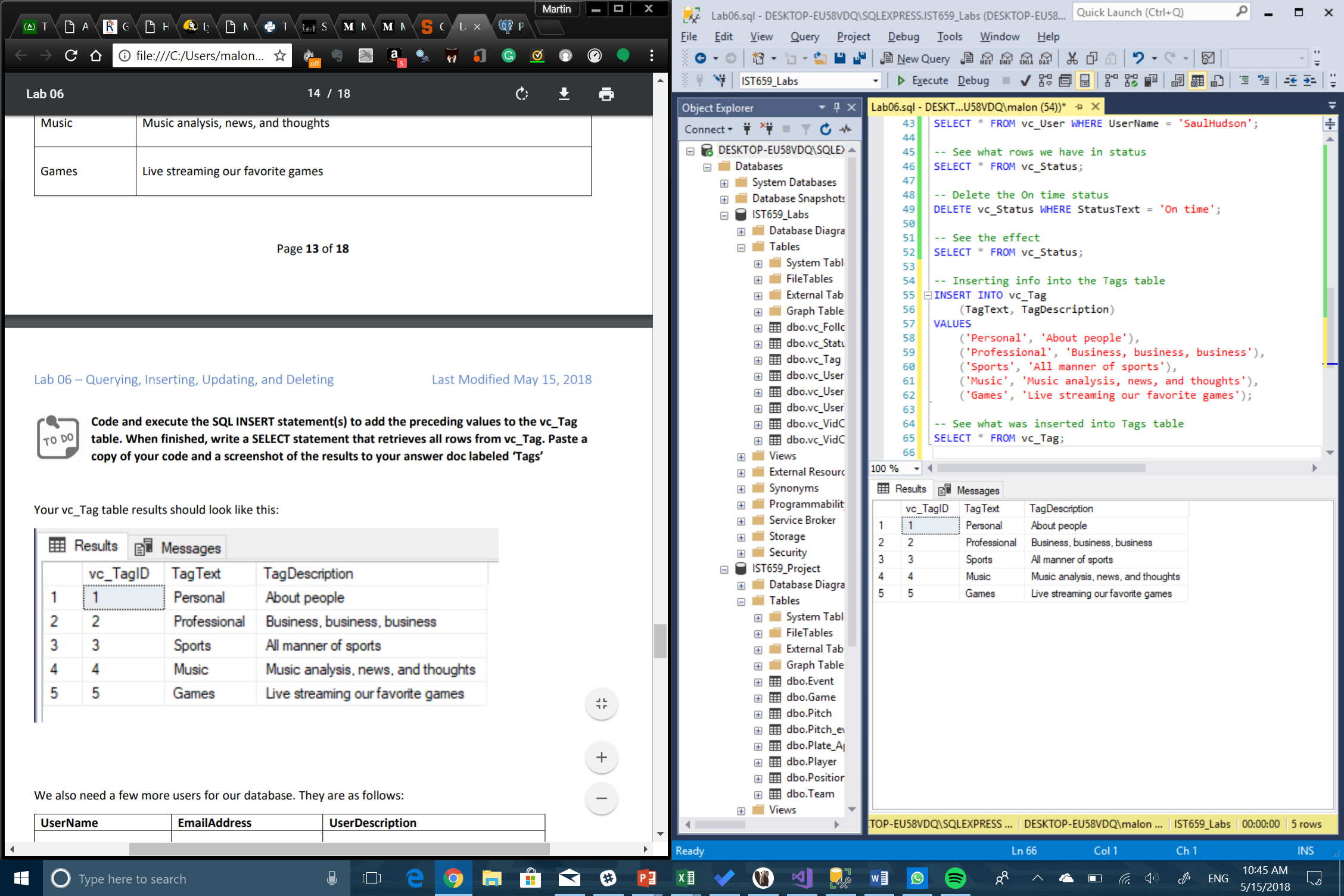


1. No more on time

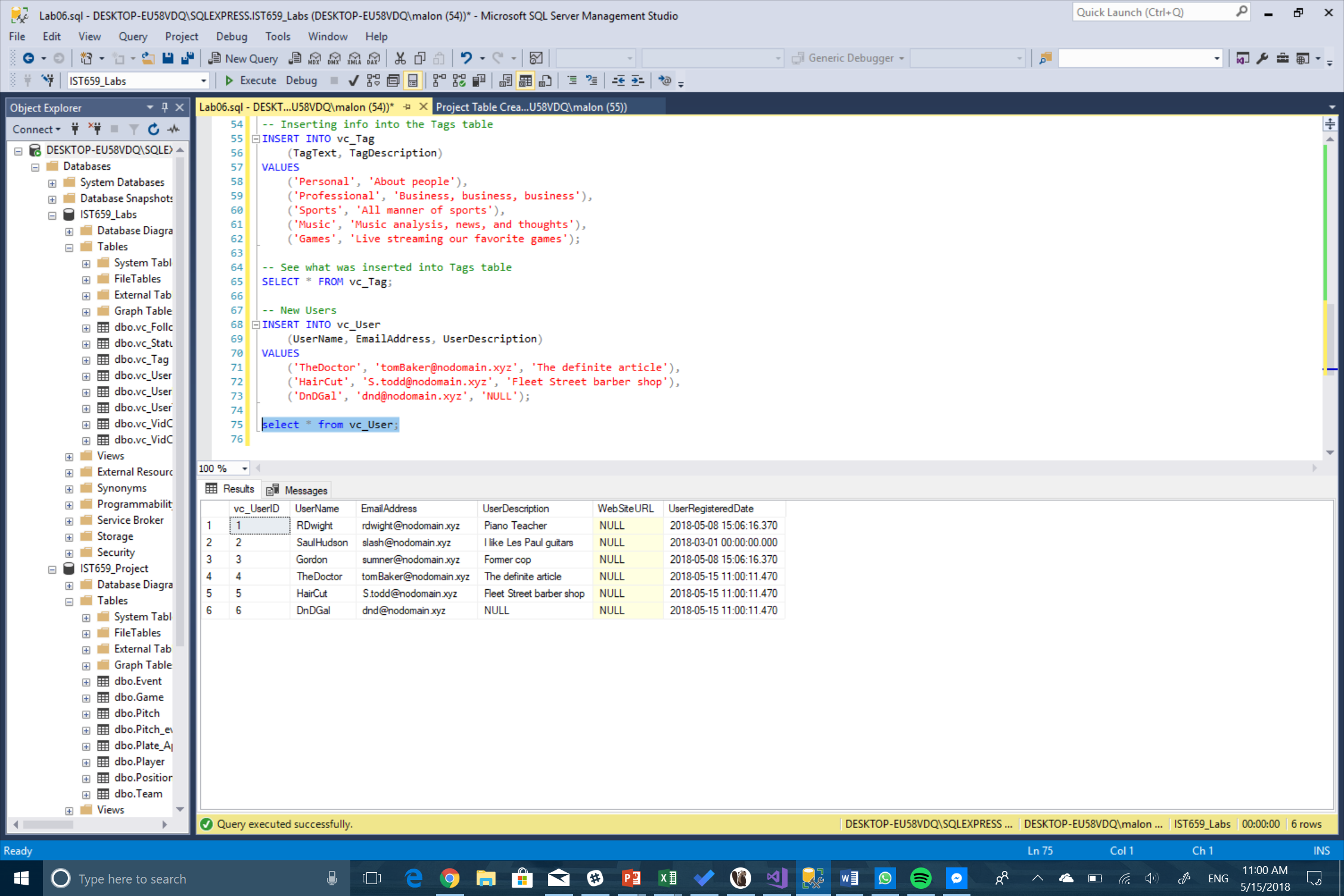


Part 2 – Putting it all together

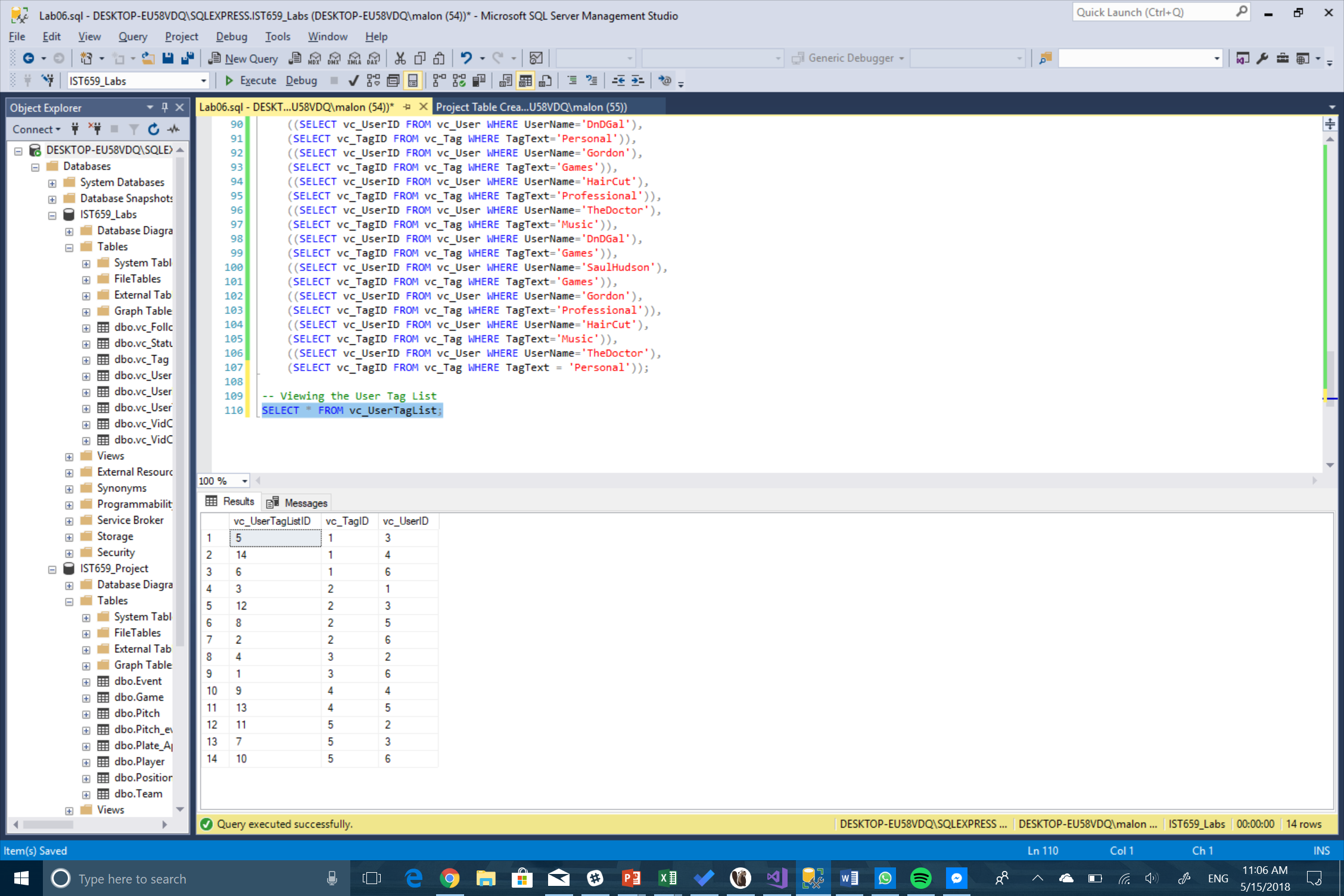
1. Tags



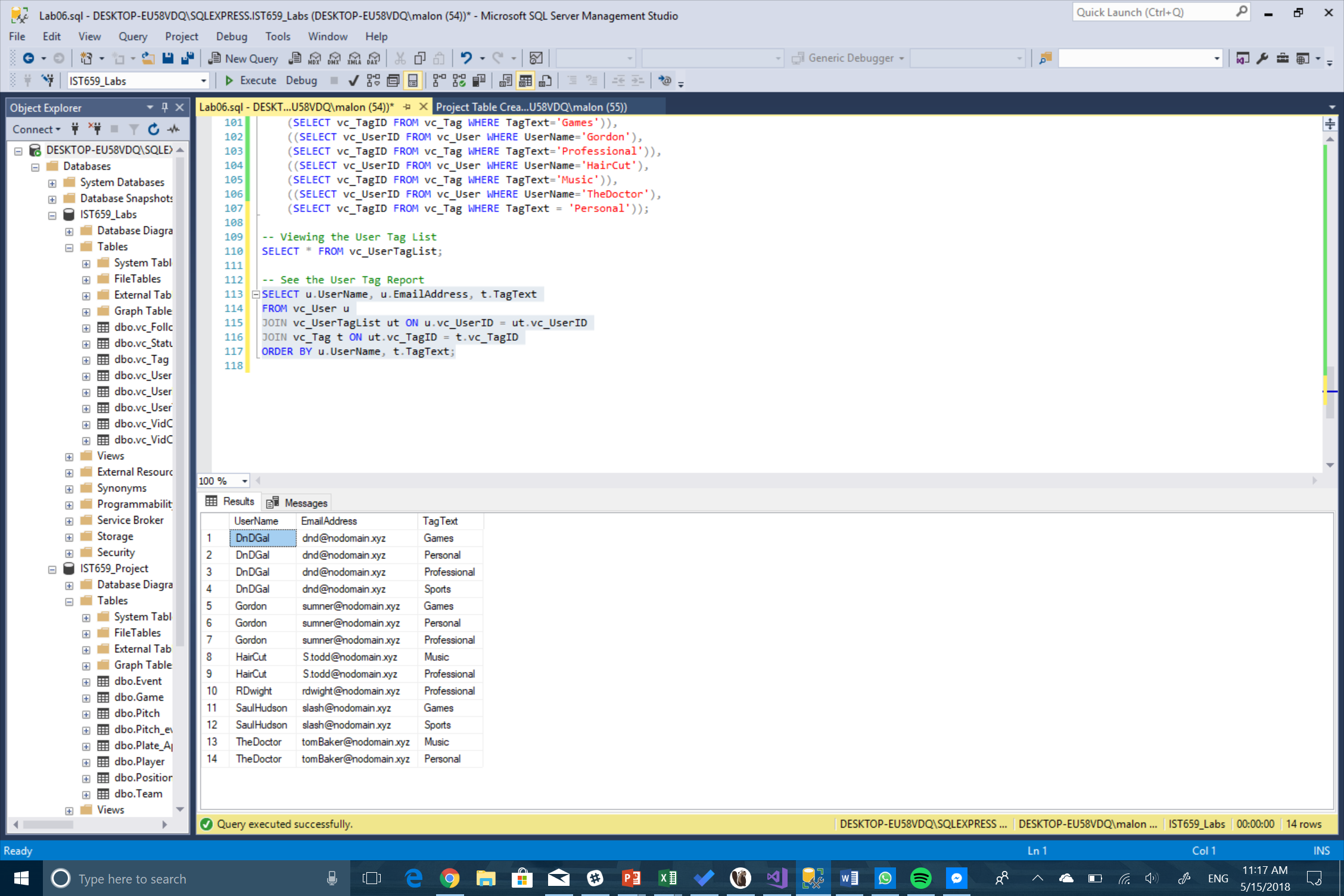
1. Users



1. User Tag List



1. User Tag Report



1. SQL Code
2. -- Adding a row to the vc\_Status table
3. INSERT INTO vc\_Status
4. VALUES ('Scheduled');
5. -- The following line shows all of the rows in vc\_Status
6. SELECT \* FROM vc\_Status;
7. -- Adding three more rows to the vc\_Status table
8. INSERT INTO vc\_Status (StatusText)
9. VALUES ('Started'), ('Finished'), ('On time');
10. SELECT \* FROM vc\_User WHERE UserName = 'SaulHudson';
11. SELECT \* FROM vc\_Status WHERE StatusText = 'Finished';
12. -- Adding a vidcast record to the VidCast Table
13. INSERT INTO vc\_VidCast
14. (VidCastTitle, StartDateTime, EndDateTime, ScheduledDurationMinutes,
15. RecordingURL, vc\_UserID, vc\_StatusID)
16. VALUES
17. ('December Snow', '3/1/2018 14:00', '3/1/2018 14:30', 30,
18. '/XVF1234', 2, 5);
19. -- Read all rows from vc\_VidCast
20. SELECT \* FROM vc\_VidCast;
21. -- Selecting the data from Saul's first VidCast
22. SELECT vc\_User.UserName,
23. vc\_User.EmailAddress,
24. vc\_VidCast.VidCastTitle,
25. vc\_VidCast.StartDateTime,
26. vc\_VidCast.EndDateTime,
27. vc\_VidCast.ScheduledDurationMinutes/60.0 as ScheduledHours,
28. vc\_Status.StatusText
29. FROM vc\_VidCast
30. JOIN vc\_User ON vc\_VidCast.vc\_UserID = vc\_User.vc\_UserID
31. JOIN vc\_Status ON vc\_VidCast.vc\_StatusID = vc\_Status.vc\_StatusID
32. WHERE vc\_User.UserName = 'SaulHudson'
33. ORDER BY vc\_VidCast.StartDateTime;
35. -- Correcting a User's UserRegisteredDate
36. UPDATE vc\_User SET UserRegisteredDate = '3/1/2018' WHERE UserName = 'SaulHudson';
37. SELECT \* FROM vc\_User WHERE UserName = 'SaulHudson';
38. -- See what rows we have in status
39. SELECT \* FROM vc\_Status;
40. -- Delete the On time status
41. DELETE vc\_Status WHERE StatusText = 'On time';
42. -- See the effect
43. SELECT \* FROM vc\_Status;
44. -- Inserting info into the Tags table
45. INSERT INTO vc\_Tag
46. (TagText, TagDescription)
47. VALUES
48. ('Personal', 'About people'),
49. ('Professional', 'Business, business, business'),
50. ('Sports', 'All manner of sports'),
51. ('Music', 'Music analysis, news, and thoughts'),
52. ('Games', 'Live streaming our favorite games');
53. -- See what was inserted into Tags table
54. SELECT \* FROM vc\_Tag;
55. -- New Users
56. INSERT INTO vc\_User
57. (UserName, EmailAddress, UserDescription)
58. VALUES
59. ('TheDoctor', 'tomBaker@nodomain.xyz', 'The definite article'),
60. ('HairCut', 'S.todd@nodomain.xyz', 'Fleet Street barber shop'),
61. ('DnDGal', 'dnd@nodomain.xyz', 'NULL');
63. SELECT \* FROM vc\_User;
64. -- Inserting User Tag List info
65. INSERT INTO vc\_UserTagList (vc\_UserID, vc\_TagID)
66. VALUES
67. ((SELECT vc\_UserID FROM vc\_User WHERE UserName='DnDGal'),
68. (SELECT vc\_TagID FROM vc\_Tag WHERE TagText='Sports')),
69. ((SELECT vc\_UserID FROM vc\_User WHERE UserName='DnDGal'),
70. (SELECT vc\_TagID FROM vc\_Tag WHERE TagText='Professional')),
71. ((SELECT vc\_UserID FROM vc\_User WHERE UserName='RDwight'),
72. (SELECT vc\_TagID FROM vc\_Tag WHERE TagText='Professional')),
73. ((SELECT vc\_UserID FROM vc\_User WHERE UserName='SaulHudson'),
74. (SELECT vc\_TagID FROM vc\_Tag WHERE TagText='Sports')),
75. ((SELECT vc\_UserID FROM vc\_User WHERE UserName='Gordon'),
76. (SELECT vc\_TagID FROM vc\_Tag WHERE TagText='Personal')),
77. ((SELECT vc\_UserID FROM vc\_User WHERE UserName='DnDGal'),
78. (SELECT vc\_TagID FROM vc\_Tag WHERE TagText='Personal')),
79. ((SELECT vc\_UserID FROM vc\_User WHERE UserName='Gordon'),
80. (SELECT vc\_TagID FROM vc\_Tag WHERE TagText='Games')),
81. ((SELECT vc\_UserID FROM vc\_User WHERE UserName='HairCut'),
82. (SELECT vc\_TagID FROM vc\_Tag WHERE TagText='Professional')),
83. ((SELECT vc\_UserID FROM vc\_User WHERE UserName='TheDoctor'),
84. (SELECT vc\_TagID FROM vc\_Tag WHERE TagText='Music')),
85. ((SELECT vc\_UserID FROM vc\_User WHERE UserName='DnDGal'),
86. (SELECT vc\_TagID FROM vc\_Tag WHERE TagText='Games')),
87. ((SELECT vc\_UserID FROM vc\_User WHERE UserName='SaulHudson'),
88. (SELECT vc\_TagID FROM vc\_Tag WHERE TagText='Games')),
89. ((SELECT vc\_UserID FROM vc\_User WHERE UserName='Gordon'),
90. (SELECT vc\_TagID FROM vc\_Tag WHERE TagText='Professional')),
91. ((SELECT vc\_UserID FROM vc\_User WHERE UserName='HairCut'),
92. (SELECT vc\_TagID FROM vc\_Tag WHERE TagText='Music')),
93. ((SELECT vc\_UserID FROM vc\_User WHERE UserName='TheDoctor'),
94. (SELECT vc\_TagID FROM vc\_Tag WHERE TagText = 'Personal'));
95. -- Viewing the User Tag List
96. SELECT \* FROM vc\_UserTagList;
97. -- See the User Tag Report
98. SELECT u.UserName, u.EmailAddress, t.TagText
99. FROM vc\_User u
100. JOIN vc\_UserTagList ut ON u.vc\_UserID = ut.vc\_UserID
101. JOIN vc\_Tag t ON ut.vc\_TagID = t.vc\_TagID
102. ORDER BY u.UserName, t.TagText;