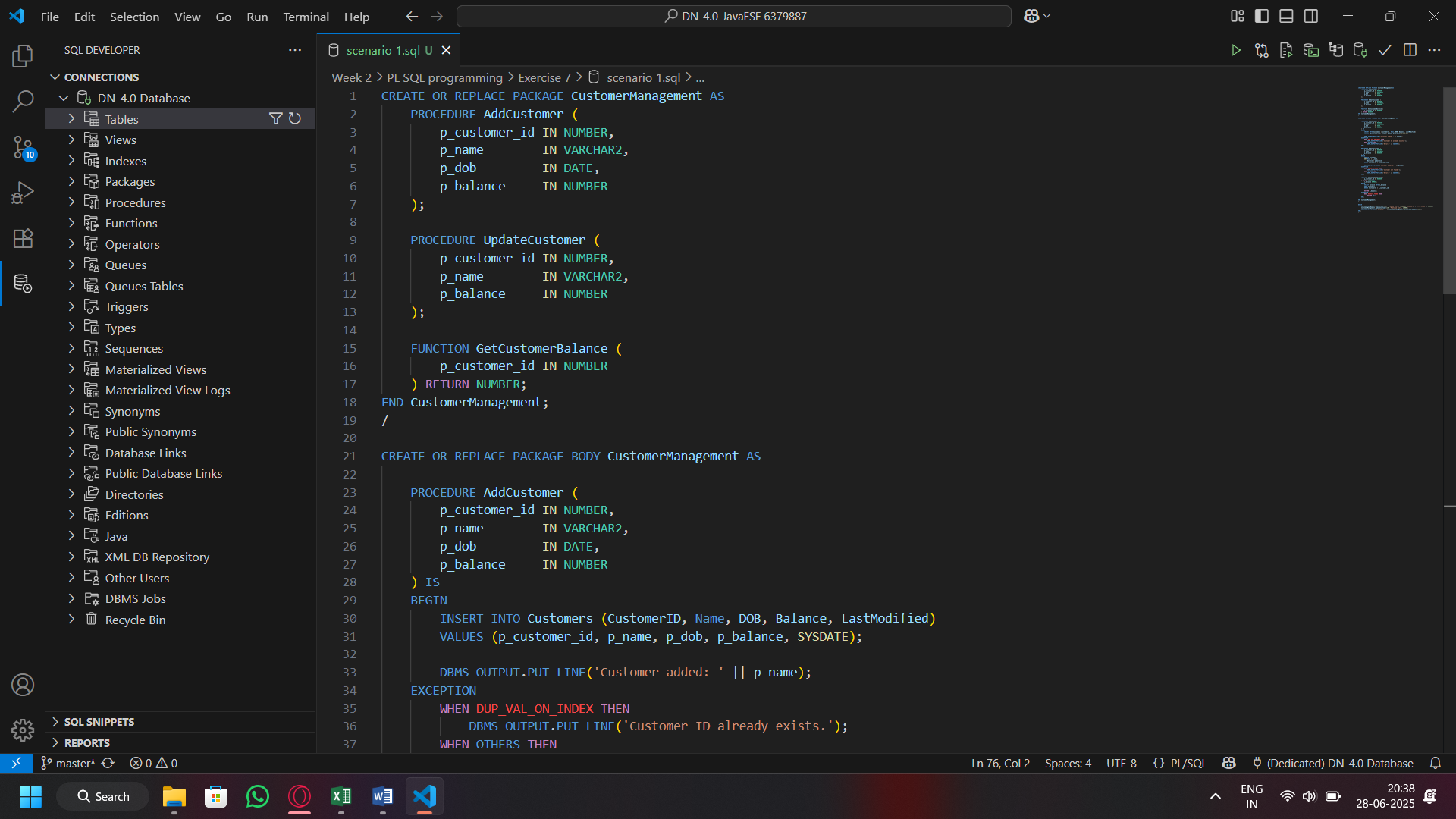
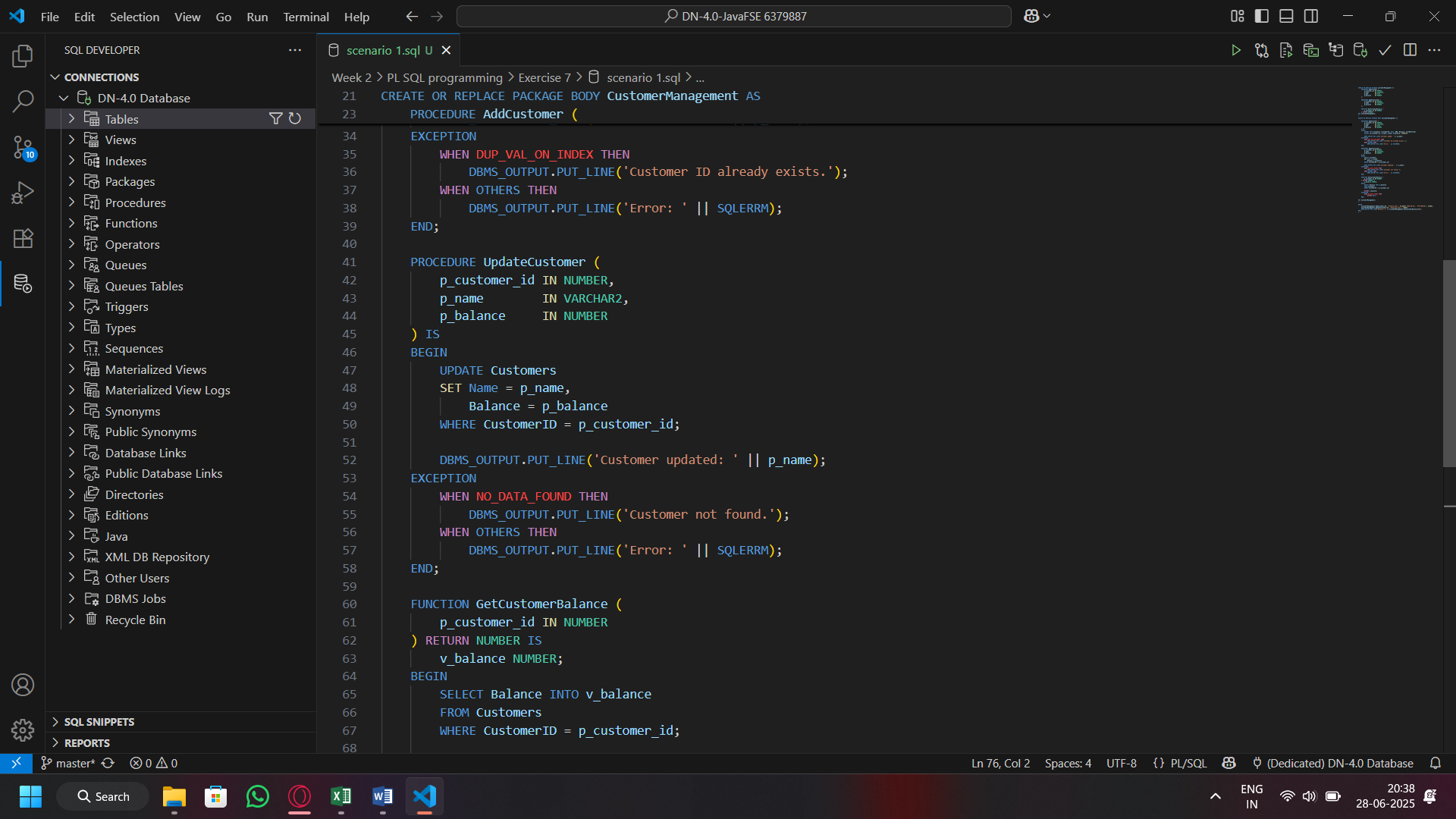
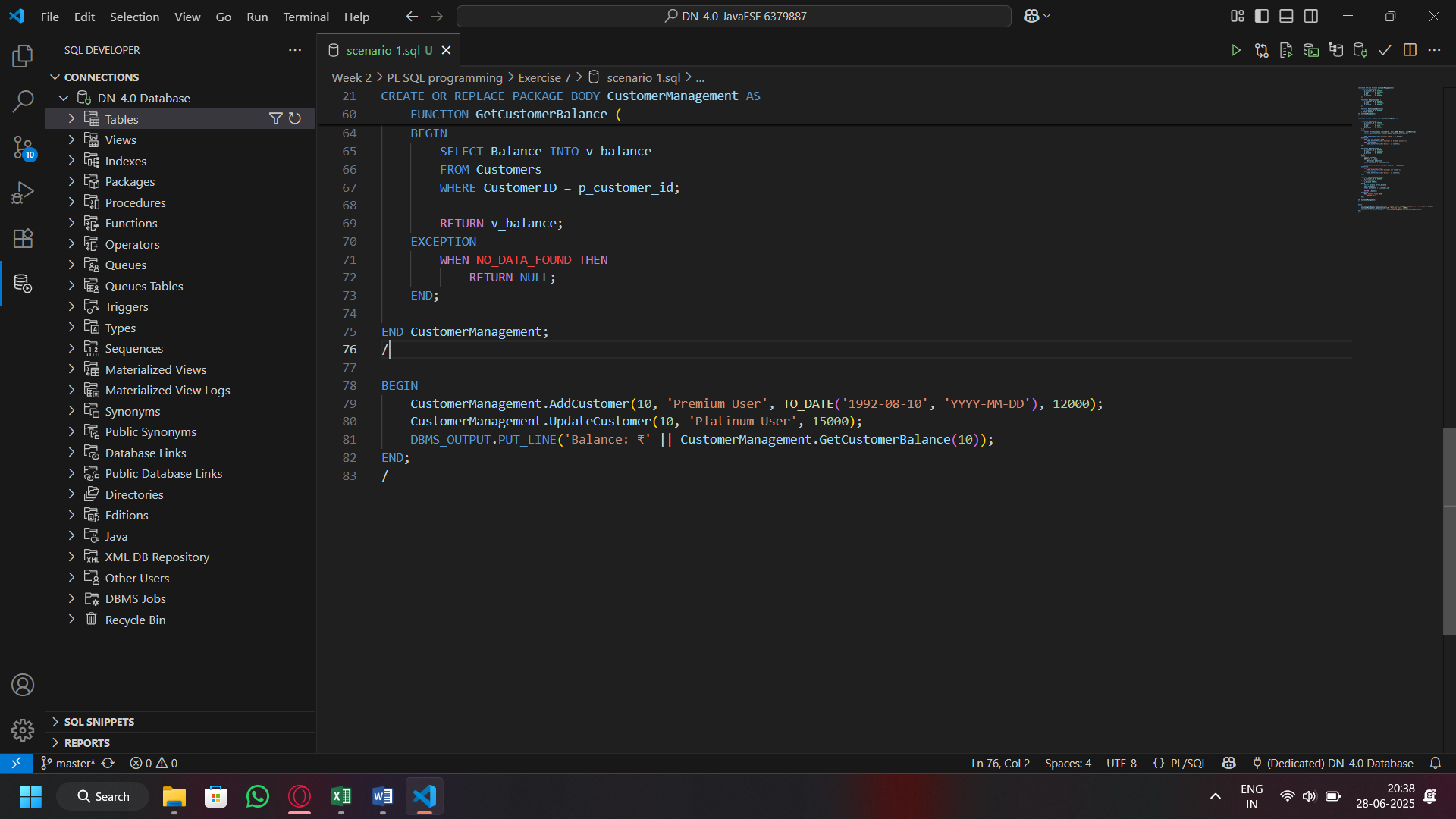
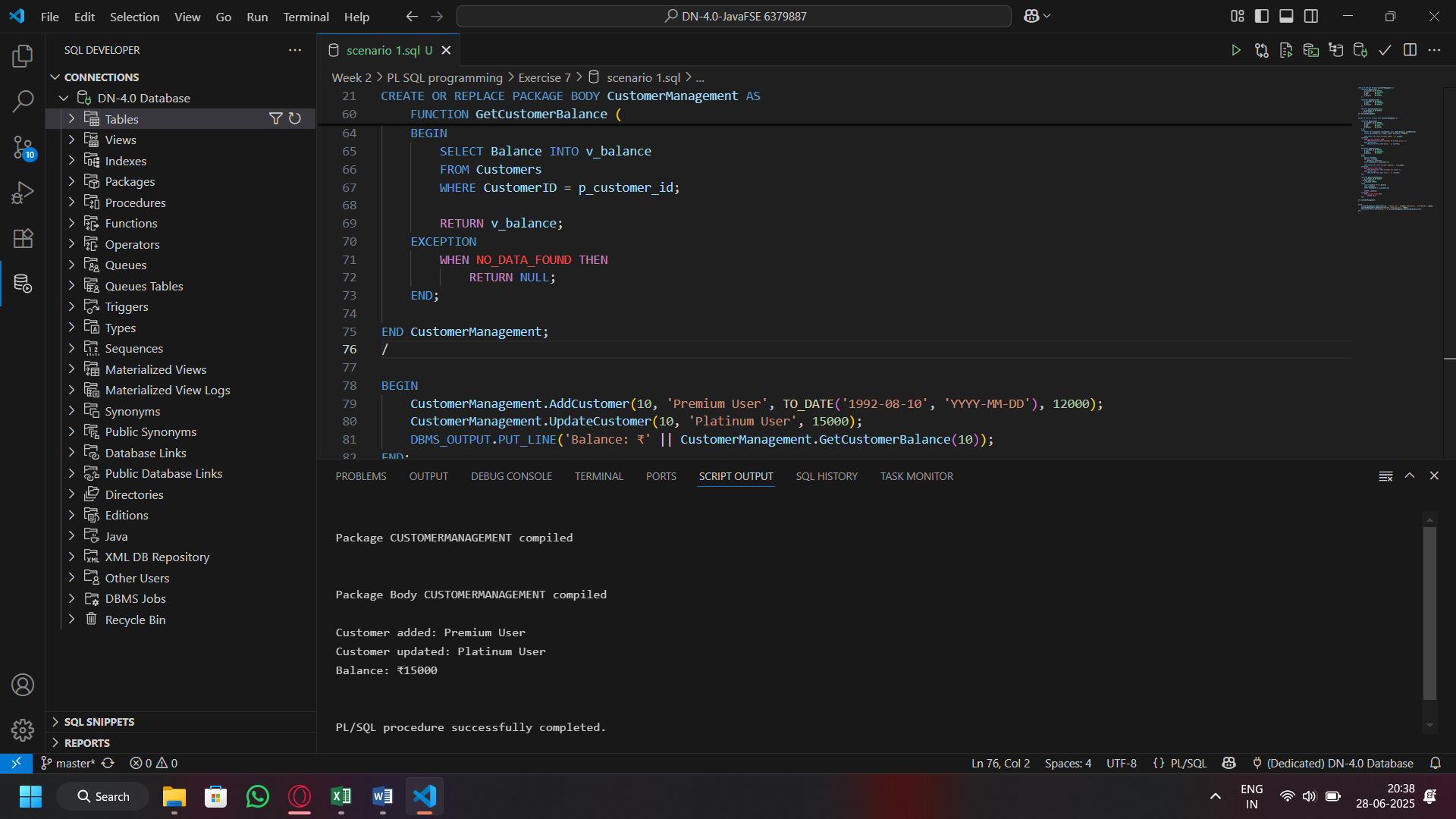
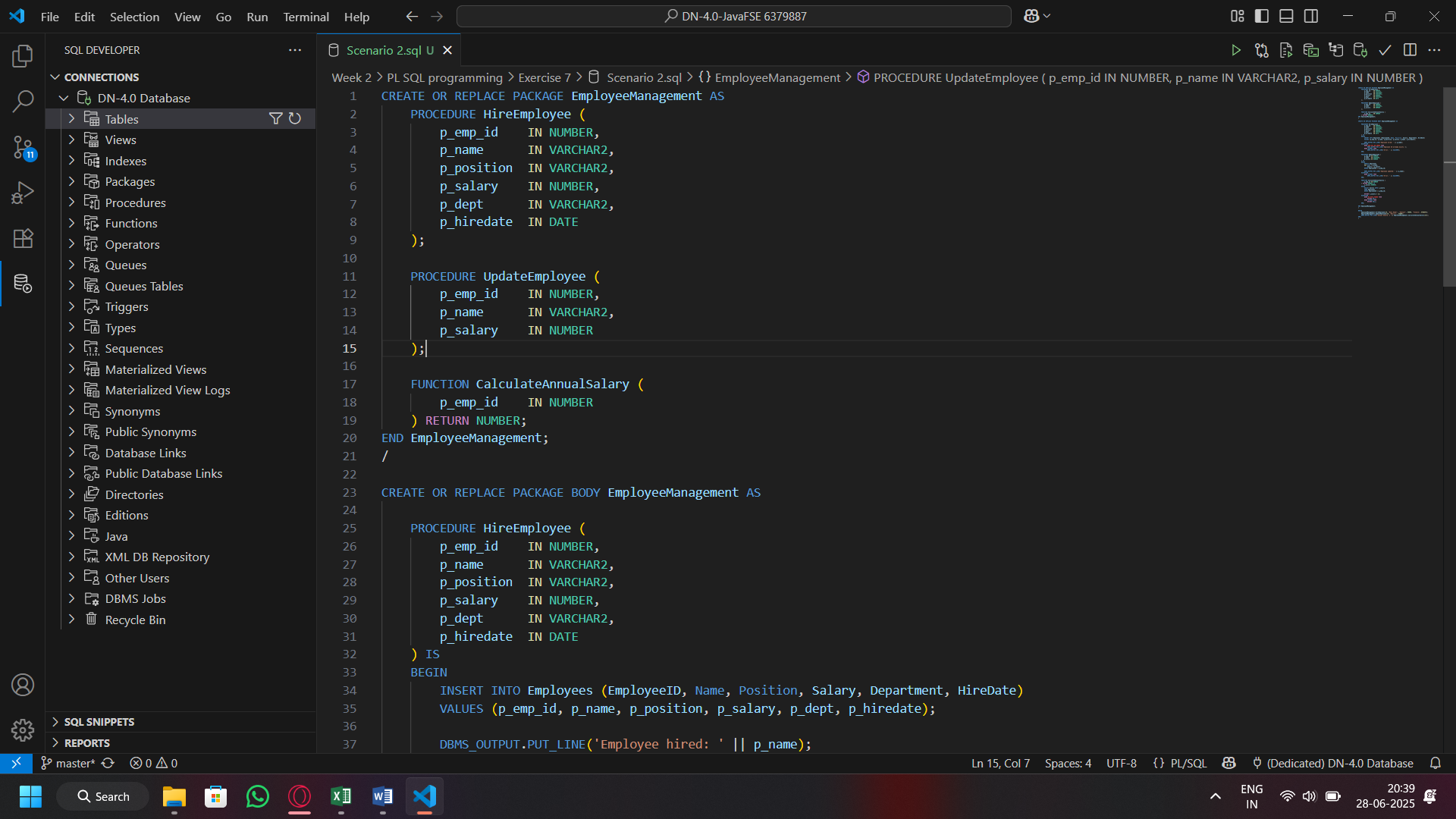
Scenario 1

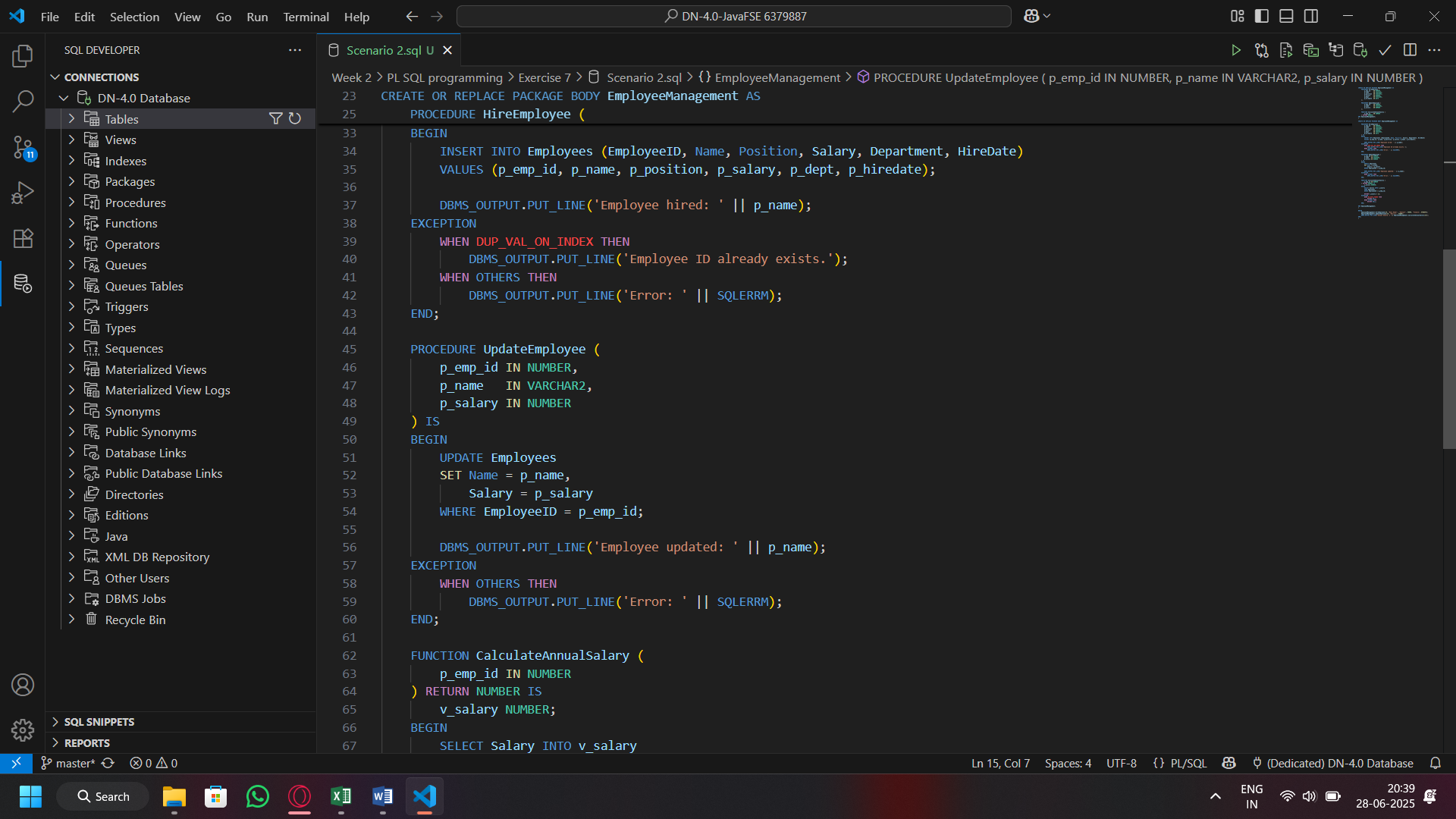
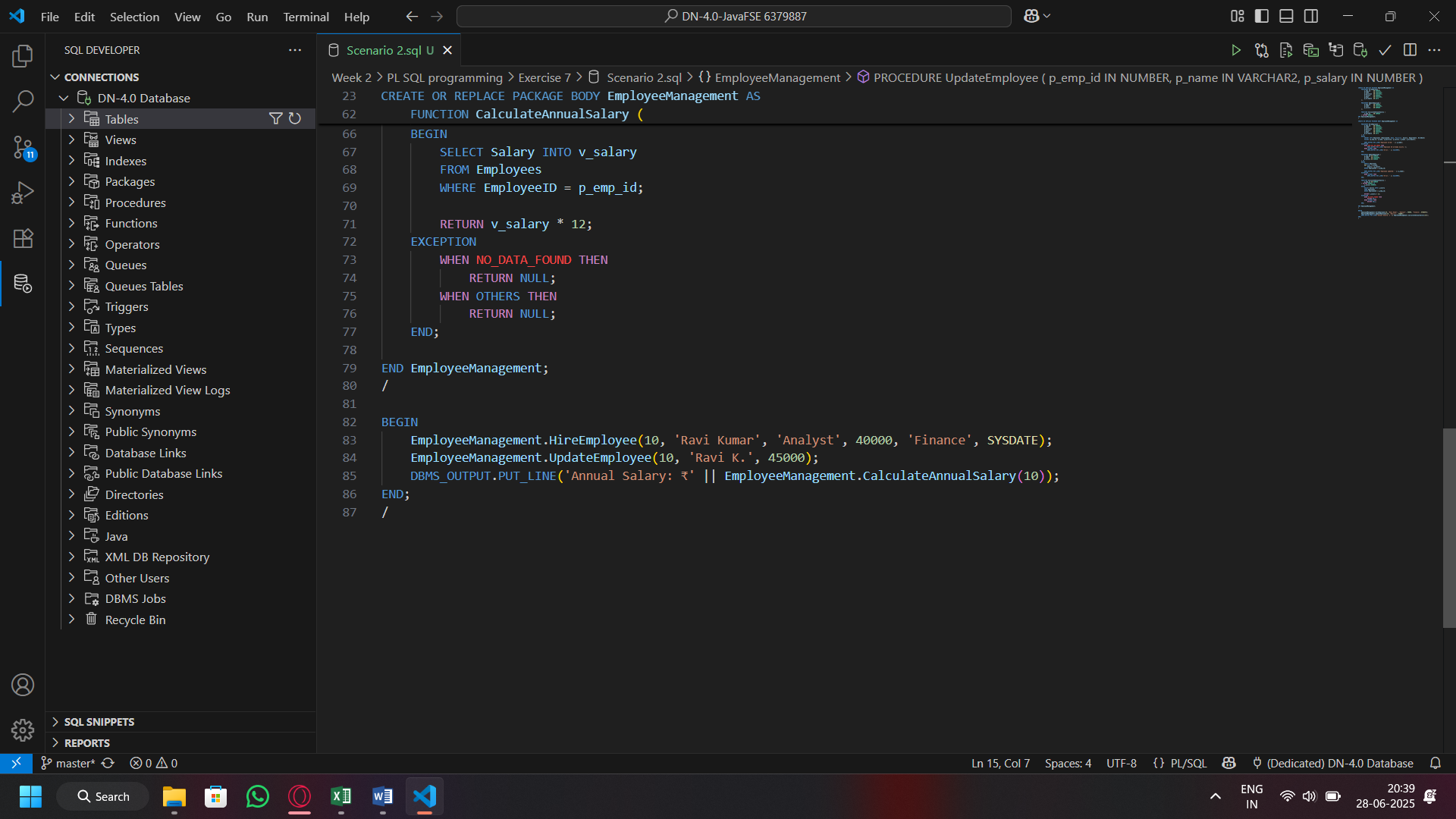
Code:

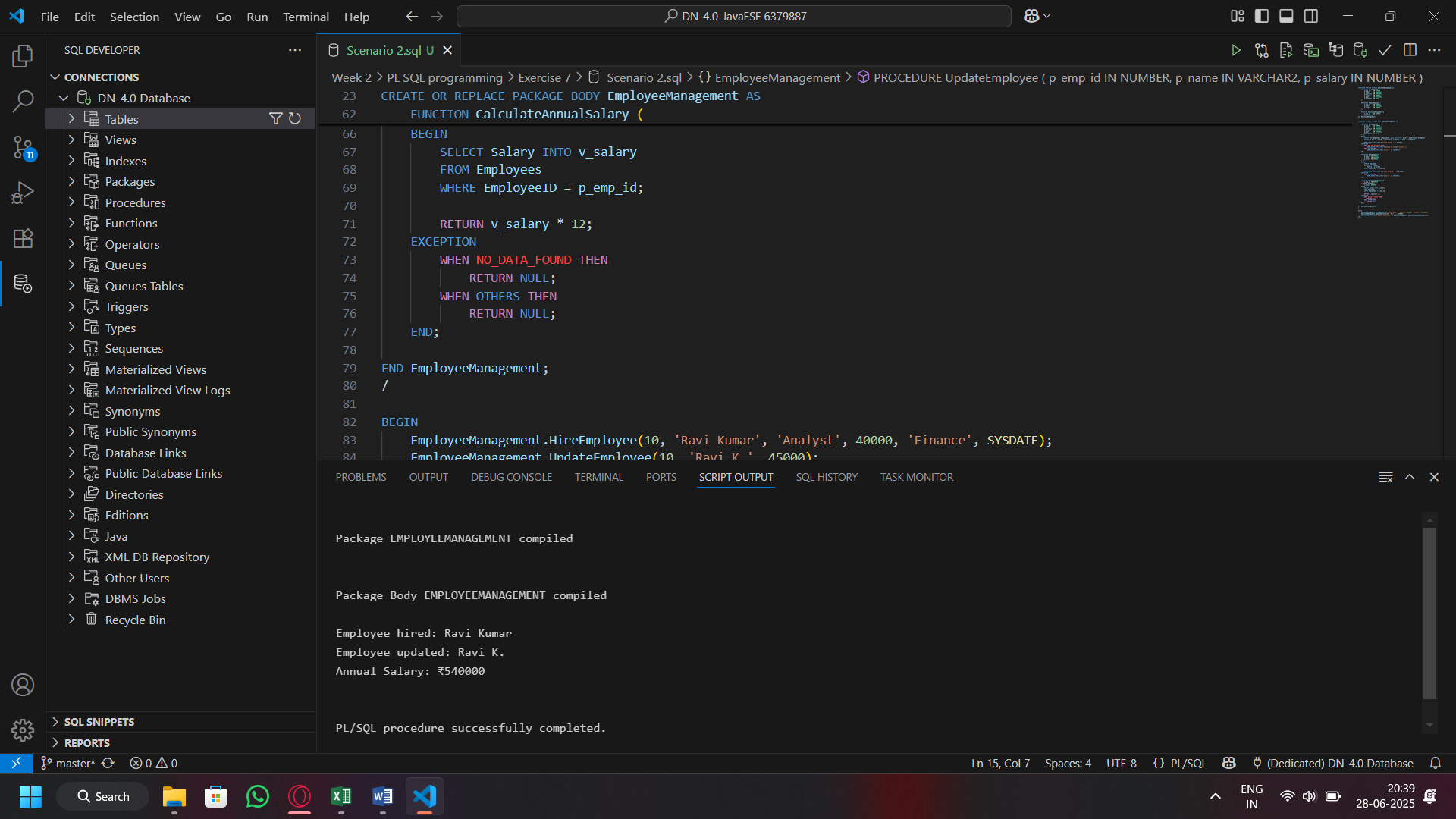


Output:

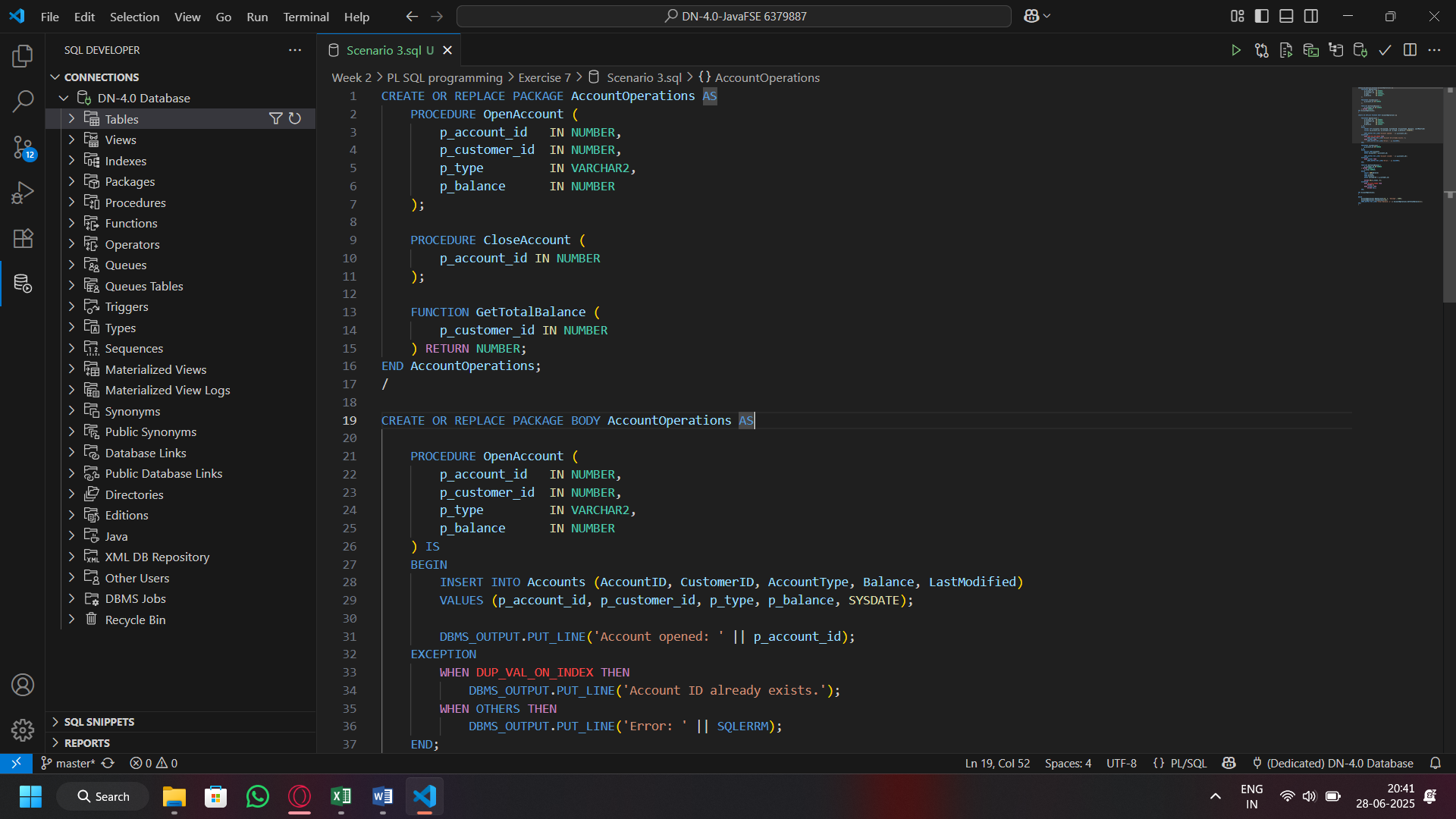
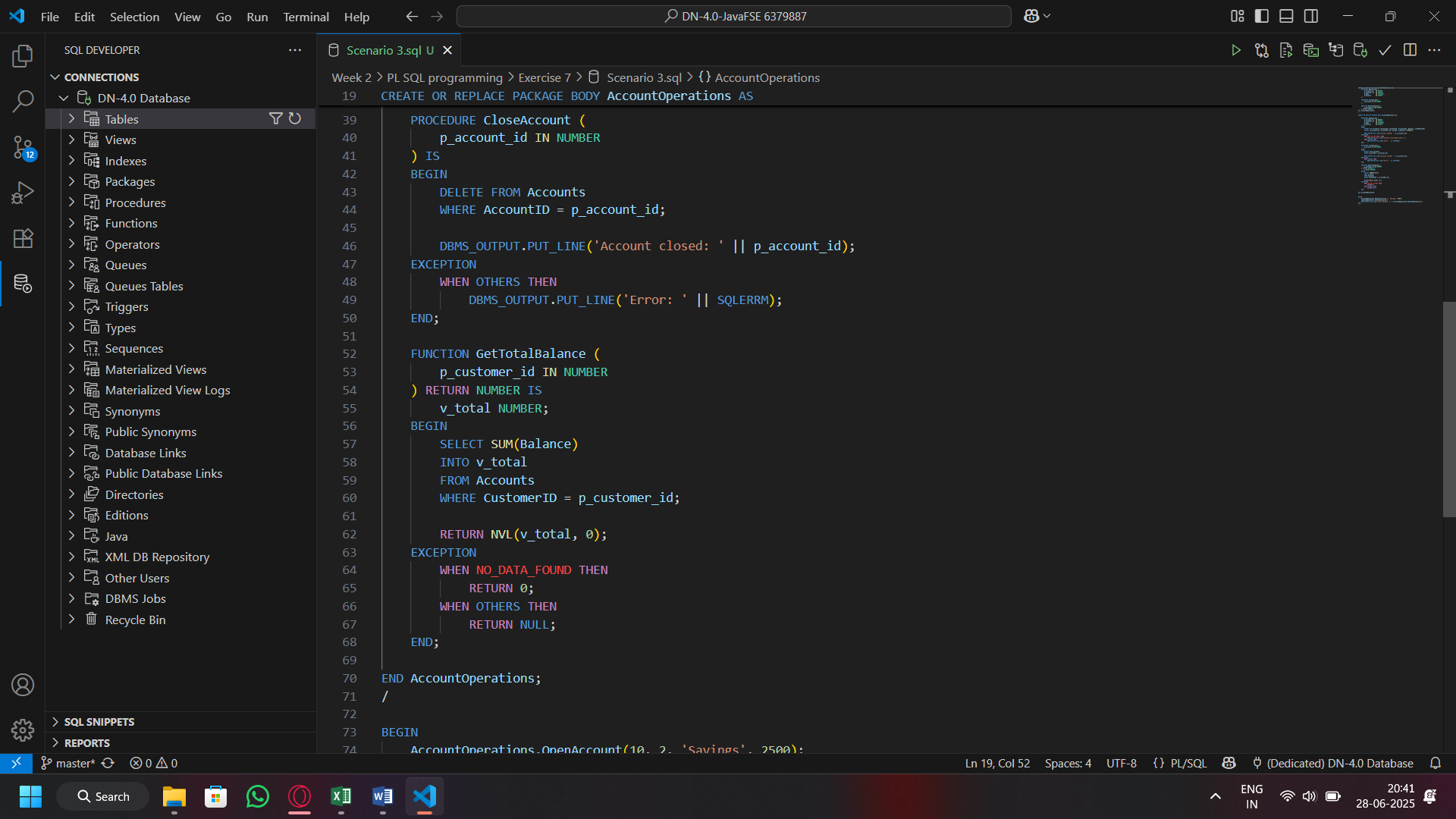
Scenario 2

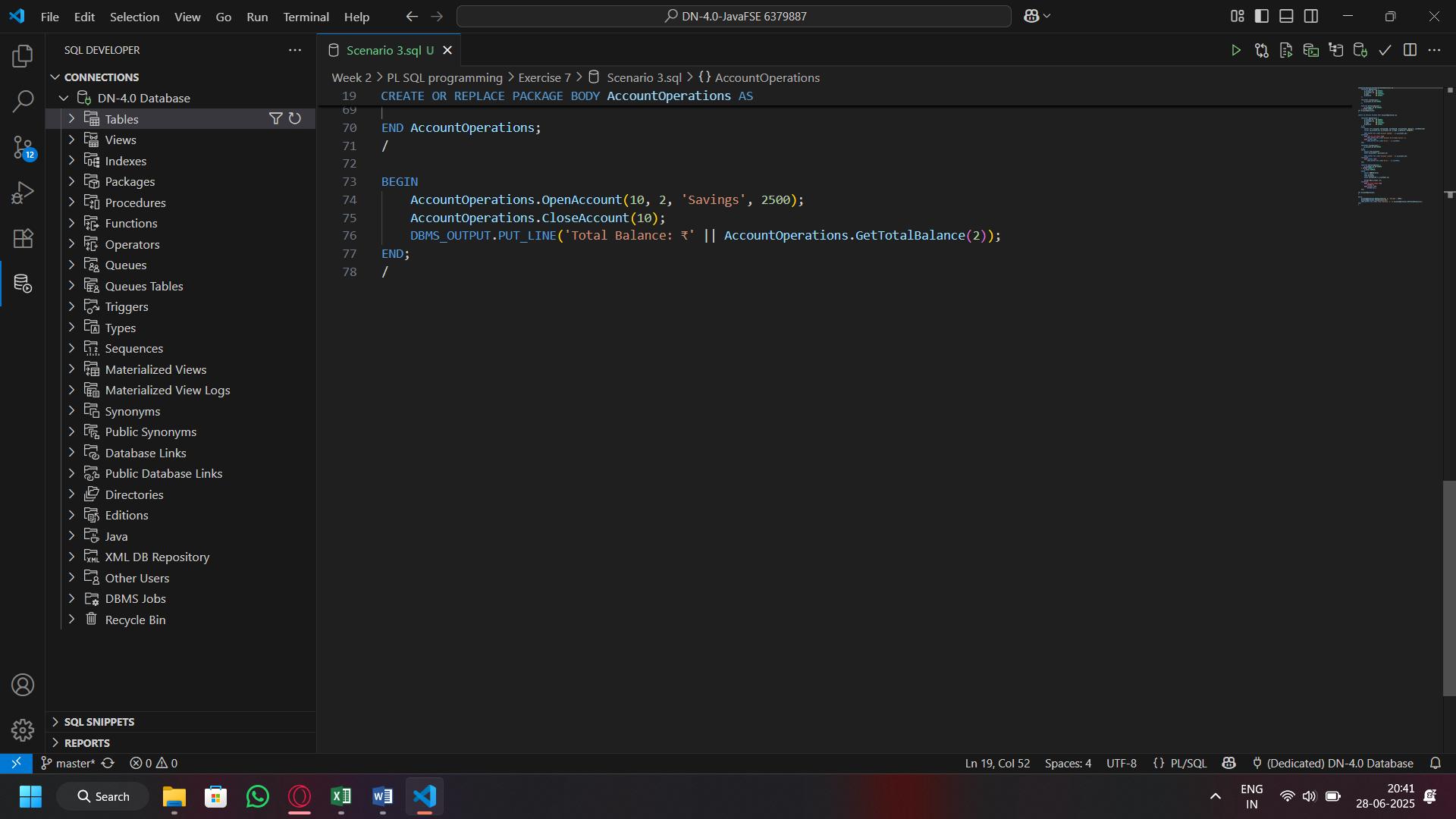
Code:

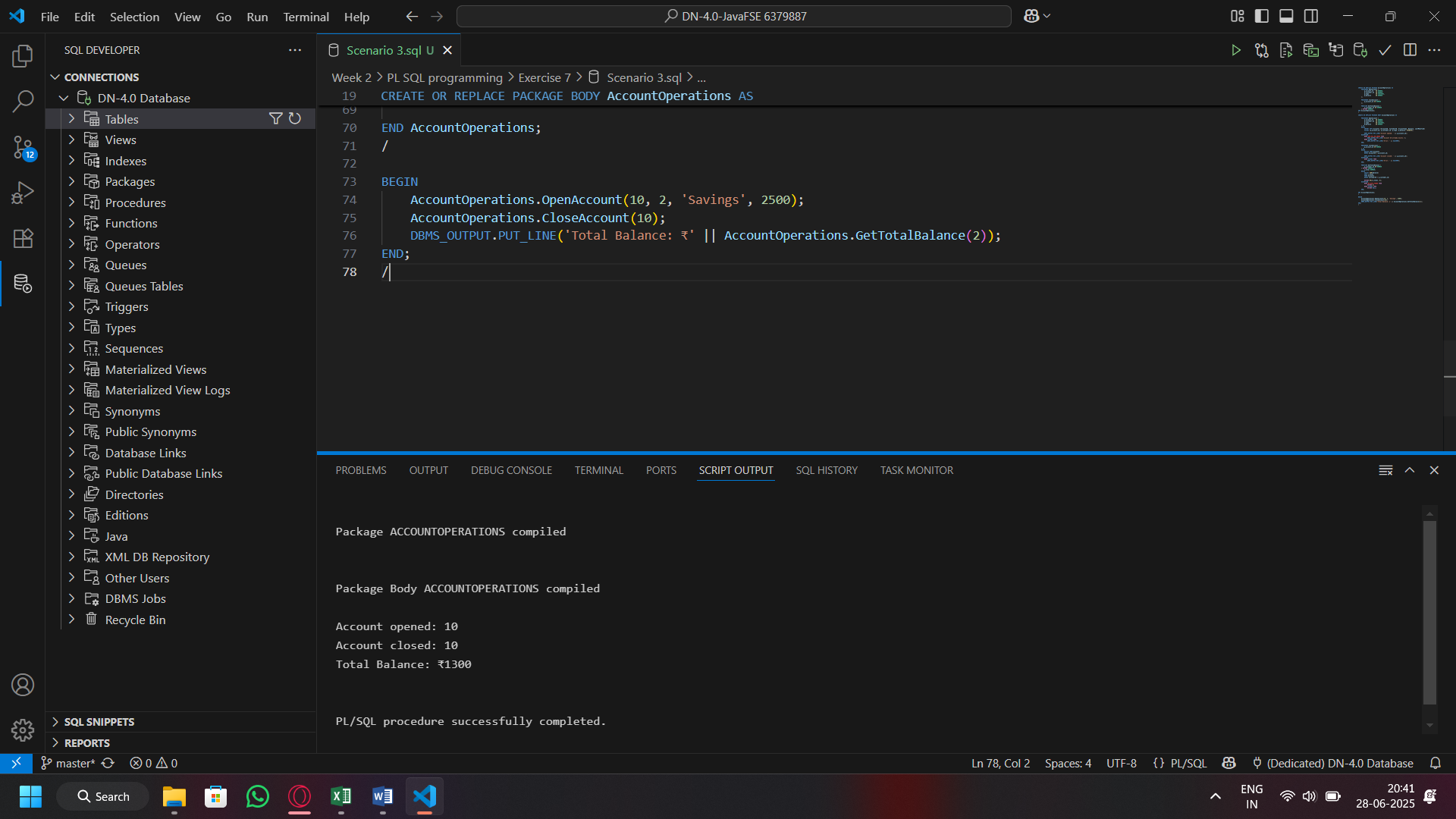


Output:

Scenario 3

Code:



Output: