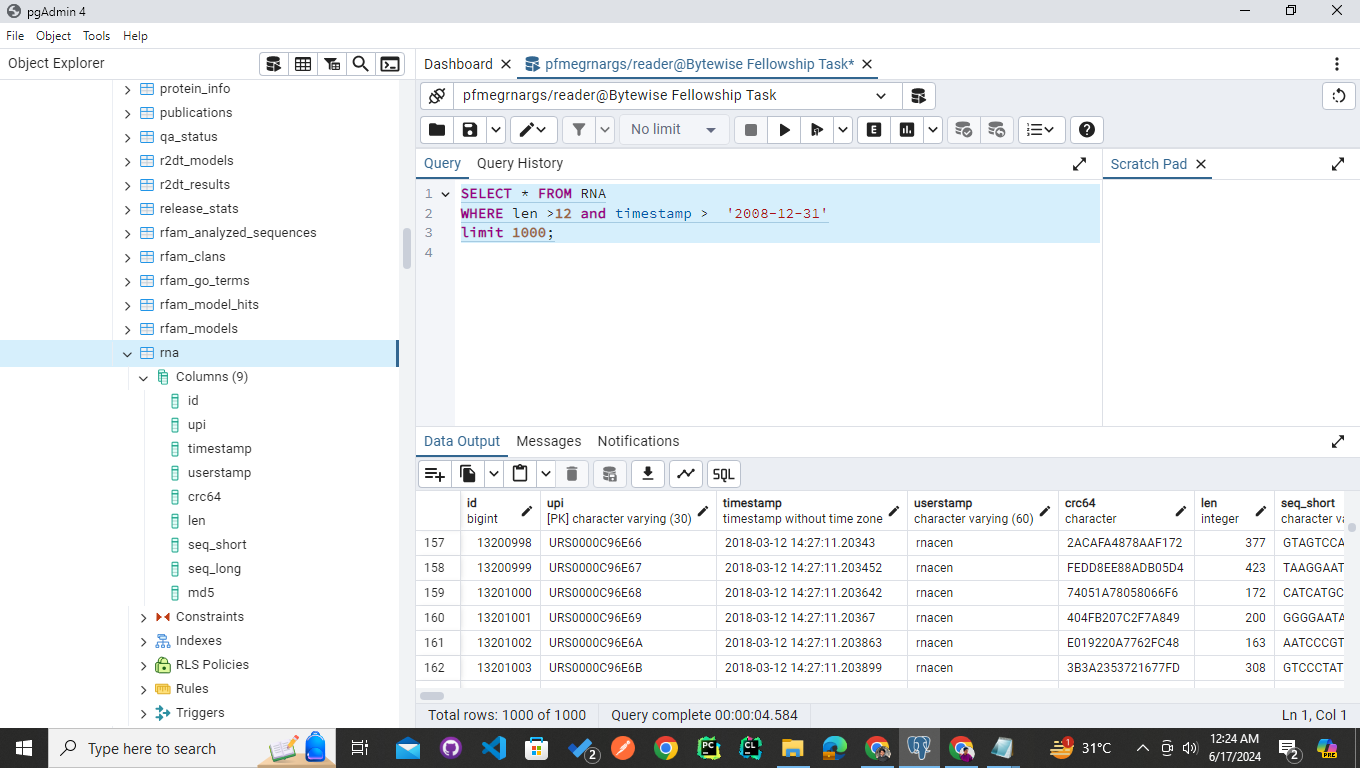
# Q1:

SELECT \* FROM RNA

WHERE len >12 and timestamp > '2008-12-31'

limit 1000;

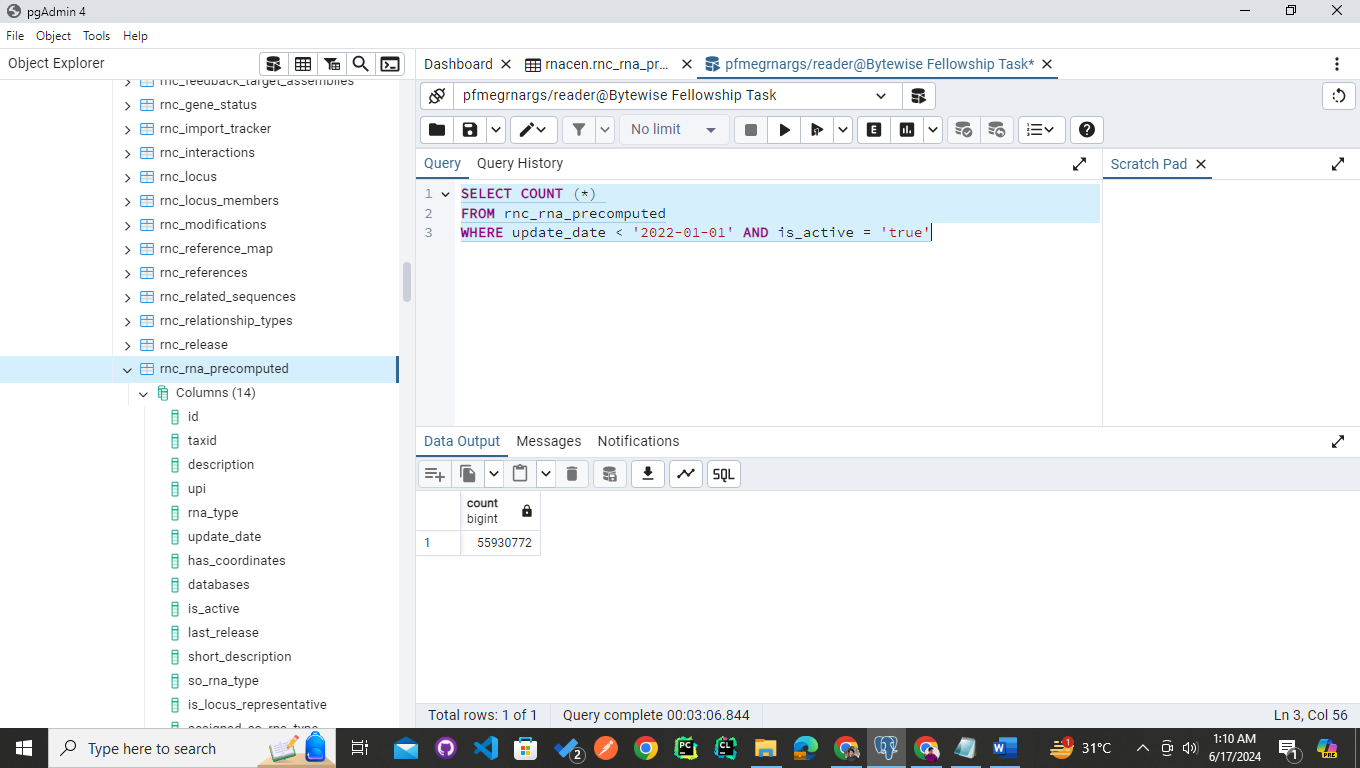


# Q2:

SELECT COUNT (\*)

FROM rnc\_rna\_precomputed

WHERE update\_date < '2022-01-01' AND is\_active = 'true'



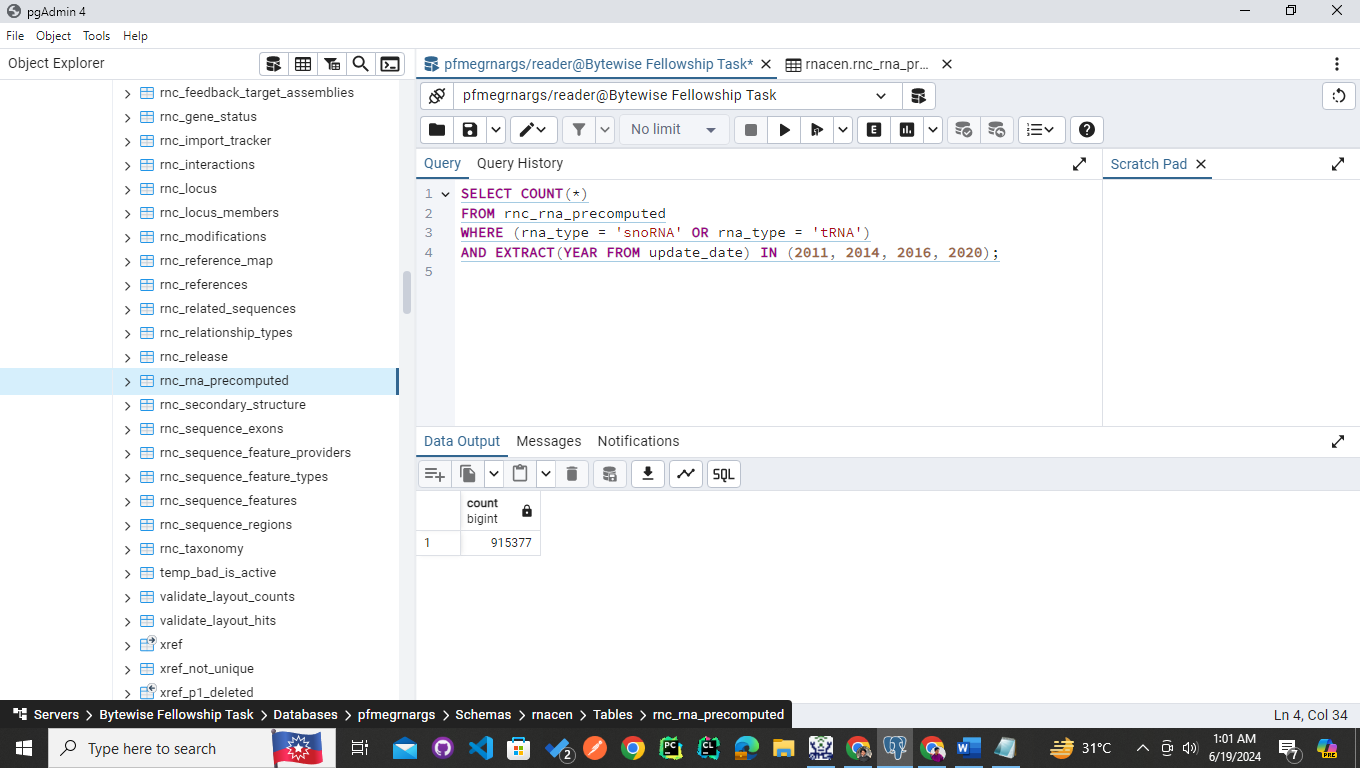
# Q3:

SELECT COUNT(\*)

FROM rnc\_rna\_precomputed

WHERE (rna\_type = 'snoRNA' OR rna\_type = 'tRNA')

AND EXTRACT(YEAR FROM update\_date) IN (2011, 2014, 2016, 2020);



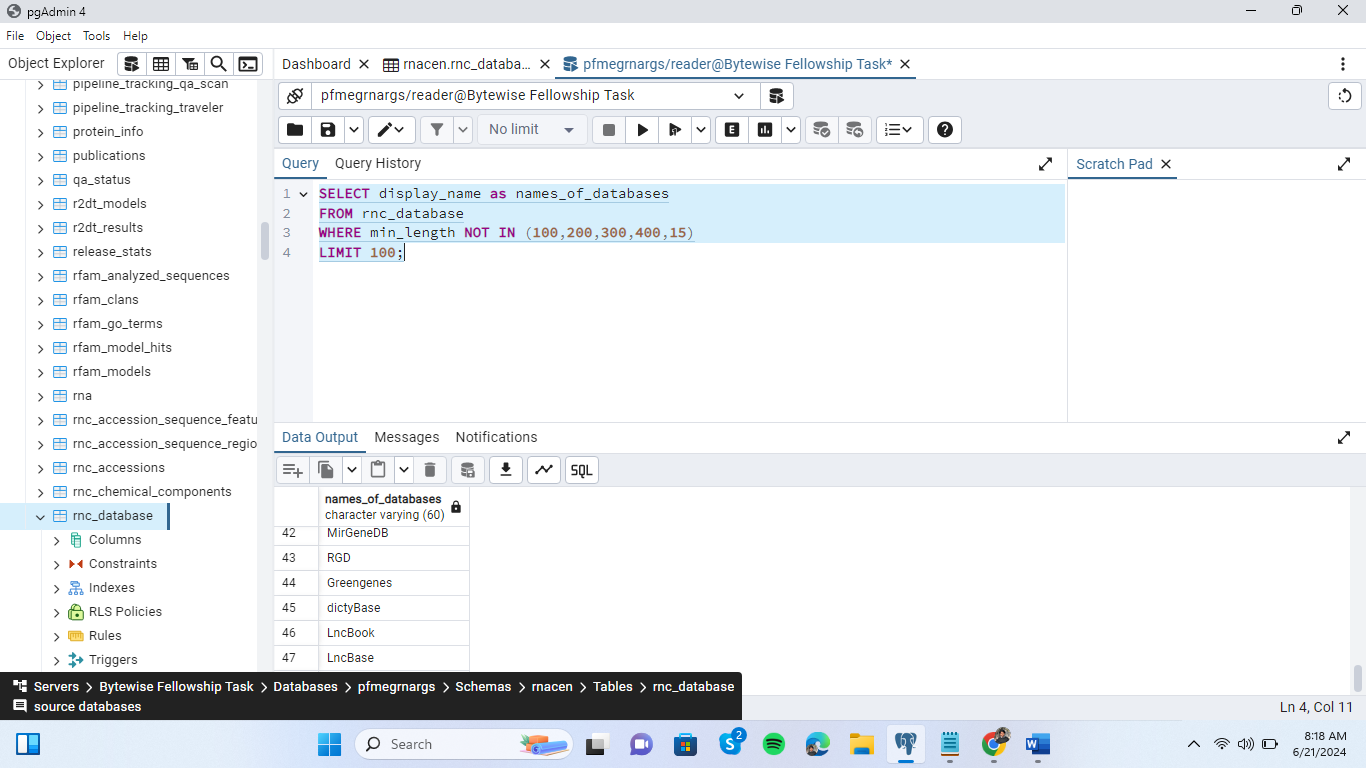
# Q4:

SELECT display\_name as names\_of\_databases

FROM rnc\_database

WHERE min\_length NOT IN (100,200,300,400,15)

LIMIT 100;



# Q5: