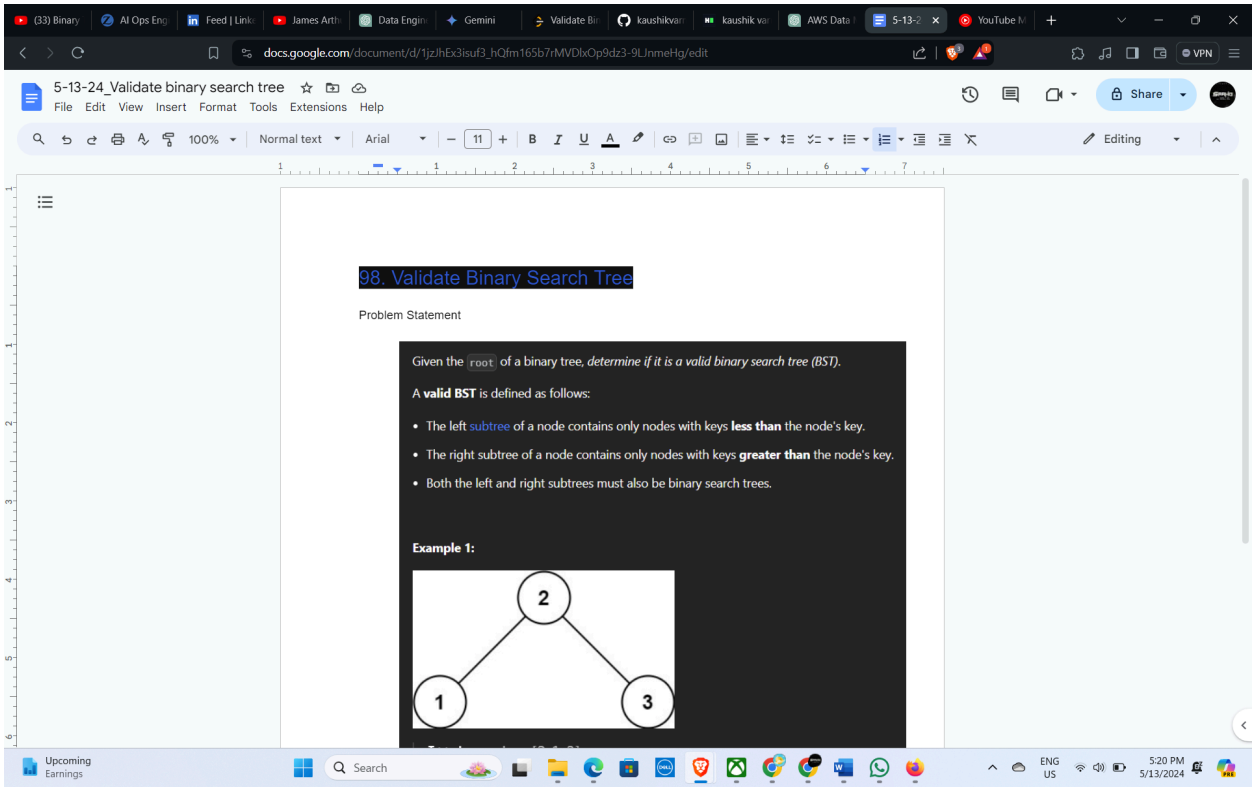
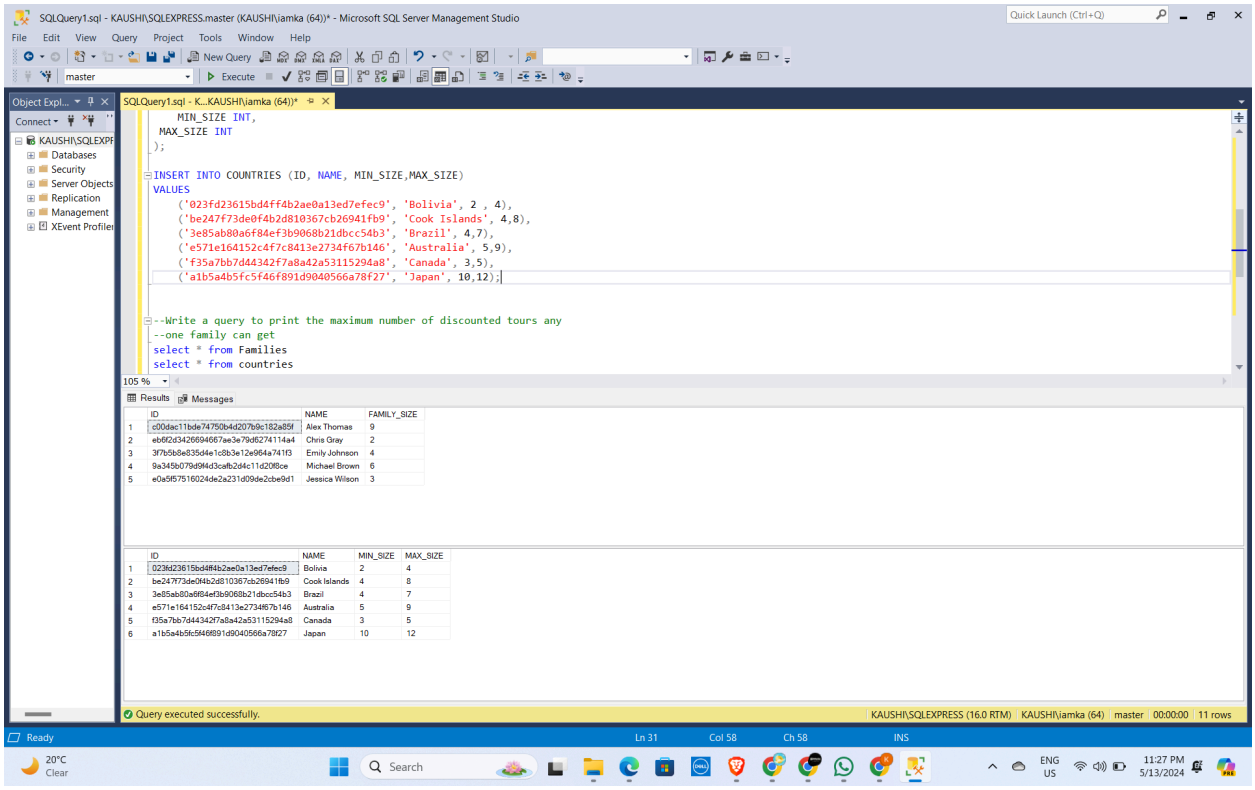
Day98 - May13th 2024

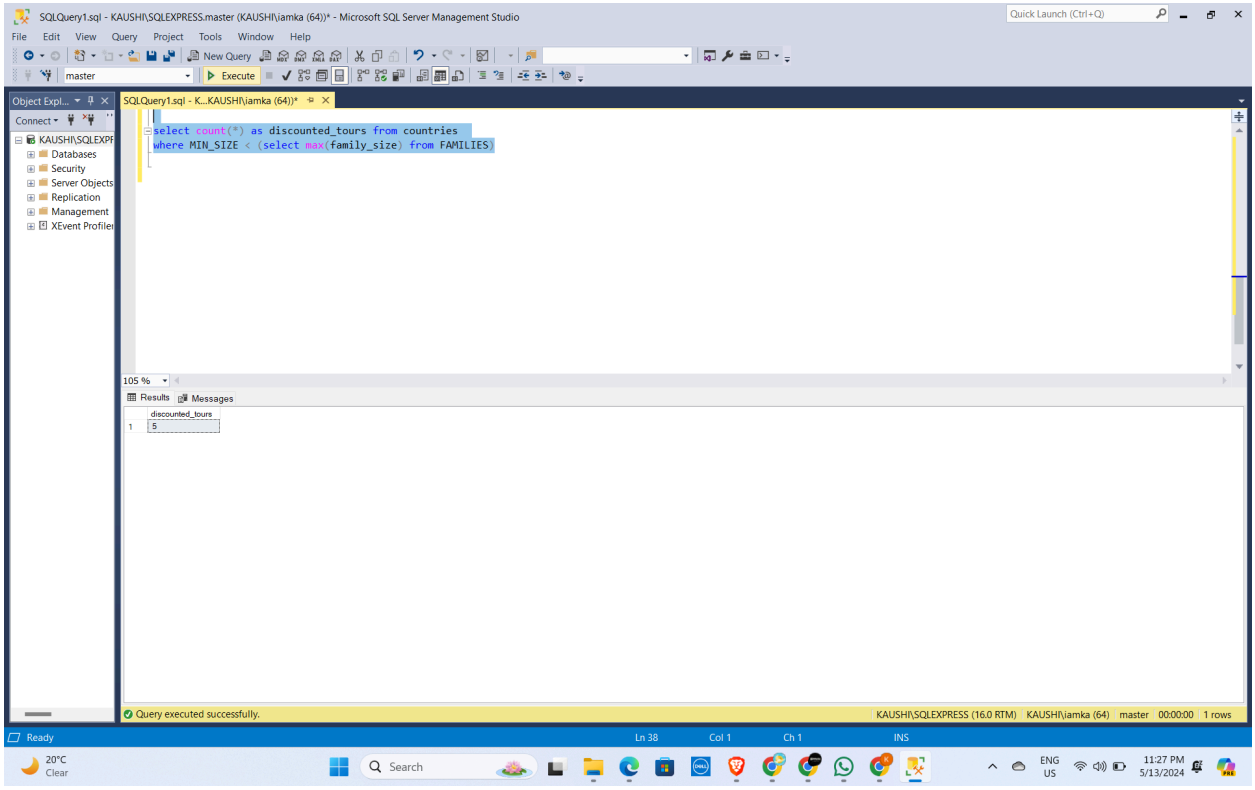
1. Started my day as usual
2. SOlved one leetcode medium problem on Binary Tree ZigZag Level98. Validate Binary Search Tree

   Please find my solution doc here : https://docs.google.com/document/d/1jzJhEx3isuf3_hQfm165b7rMVDlxOp9dz3-9LJnmeHg/edit?usp=sharing



3. Ended my day by solving complex SQL question from youtube


SQLQuery1.sql - KAUSHI\SQLEXPRESS.master (KAUSHI\iamka (64))* - Microsoft SQL Server Management Studio
File Edit View Query Project Tools Window Help
New Query
Execute
master
Object Expl...
Connect
KAUSHI\SQLEXPF
Databases
Security
Server Objects
Replication
Management
XEvent Profiler
SQLQuery1.sql - K...KAUSHI\iamka (64))*
MIN_SIZE INT,
MAX_SIZE INT
);
INSERT INTO COUNTRIES (ID, NAME, MIN_SIZE,MAX_SIZE)
VALUES
('023fd23615bd4ff4b2ae0a13ed7efec9', 'Bolivia', 2 , 4),
('be247f73de0f4b2d810367cb26941fb9', 'Cook Islands', 4,8),
('3e85ab80a6f84ef3b9068b21dbcc54b3', 'Brazil', 4,7),
('e571e164152c4f7c8413e2734f67b146', 'Australia', 5,9),
('f35a7bb7d44342f7a8a42a53115294a8', 'Canada', 3,5),
('a1b5a4b5fc5f46f891d9040566a78f27', 'Japan', 10,12);
--Write a query to print the maximum number of discounted tours any
--one family can get
select * from Families
select * from countries
105 %
Results
Messages
ID NAME FAMILY_SIZE
1 c00dac11bde74750b4d207b9c182a85f Alex Thomas 9
2 eb6f2d3426694667ae3e79d6274114a4 Chris Gray 2
3 3f7b5b8e835d4e1c8b3e12e964a741f3 Emily Johnson 4
4 9a345b079d9f4d3cafb2d4c11d20f8ce Michael Brown 6
5 e0a5f5751602 4de2e231d09de2cbe9d1 Jessica Wilson 3
ID NAME MIN_SIZE MAX_SIZE
1 023fd23615bd4ff4b2ae0a13ed7efec9 Bolivia 2 4
2 be247f73de0f4b2d810367cb26941fb9 Cook Islands 4 8
3 3e85ab80a6f84ef3b9068b21dbcc54b3 Brazil 4 7
4 e571e164152c4f7c8413e2734f67b146 Australia 5 9
5 f35a7bb7d44342f7a8a42a53115294a8 Canada 3 5
6 a1b5a4b5fc5f46f891d9040566a78f27 Japan 10 12
Query executed successfully.
KAUSHI\SQLEXPRESS (16.0 RTM) KAUSHI\iamka (64) master 00:00:00 11 rows
Ready
Ln 31 Col 58 Ch 58 INS
20°C Clear
Search
ENG US
11:27 PM 5/13/2024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SQLQuery1.sql - K...KAUSHI\iamka (64))*
select count(*) as discounted_tours from countries
where MIN_SIZE < (select max(family_size) from FAMILIES)
105 %
Results
Messages
discounted_tours
1 5
Query executed successfully.
KAUSHI\SQLEXPRESS (16.0 RTM) KAUSHI\iamka (64) master 00:00:00 1 rows
Ready
Ln 38 Col 1 Ch 1 INS
20°C Clear
Search
ENG US
11:27 PM 5/13/2024