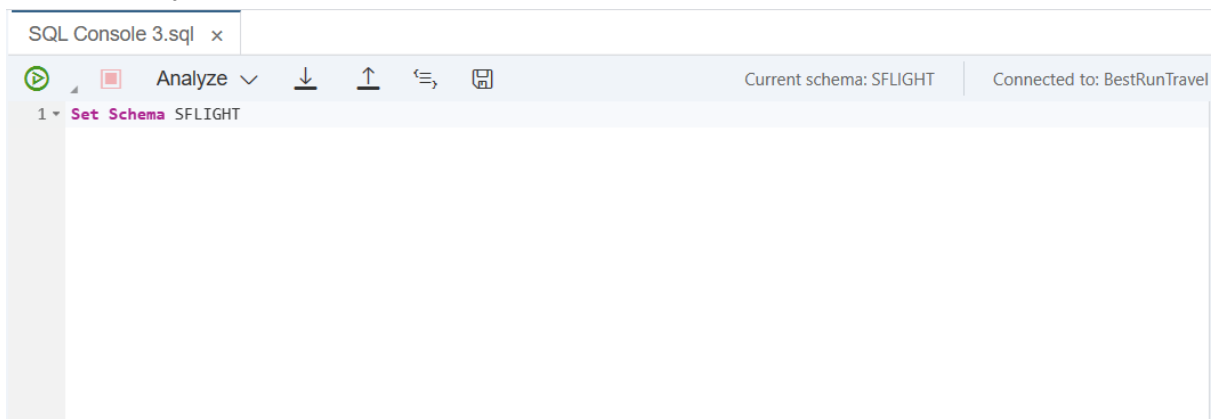


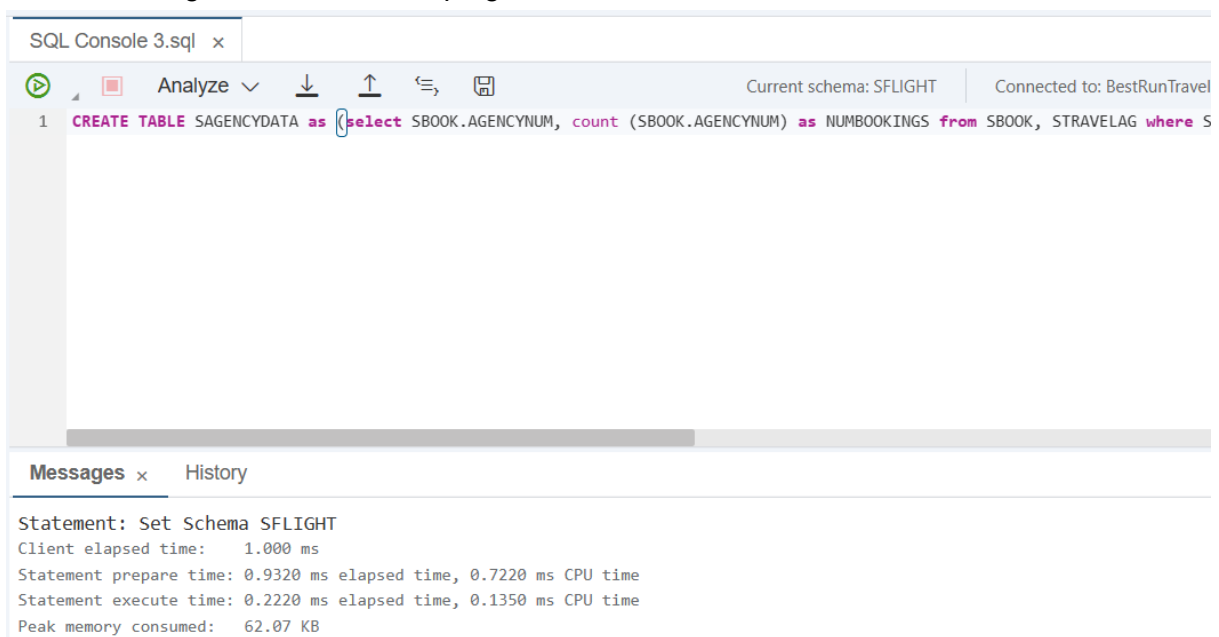
Nama : Felix Kurnia Salim
NIM : 201402121
Kom A

Modul 5 : Query Data top 5 partner and the days with maximum bookings for the top 5 partners

1. Sebelum menjalankan query, pastikan sudah pada schema SFLIGHT. Jika belum caranya Set Schema SFLIGHT



2. Pertama, buat tabel SAGENCYDATA untuk mengetahui agent yang terpopuler, dengan menggunakan tabel SBOOK dan STRAVELAG dan mengurutkan jumlah booking terbesar dari setiap agent



3. melihat hasil tabel dengan menggunakan SELECT

SQL Console 3.sql x

Analyze v | Current schema: SFLIGHT | Connected to: BestRunTravel

```
1 SELECT * FROM SAGENCYDATA;
```

Result x Messages x History

Rows (49)

	AGENCYNUM	NUMBOOKINGS
1	00000284	27870
2	00000122	27869
3	00000109	27867
4	00000101	27866
5	00000118	27416
6	00000087	25936
7	00000061	25935
8	00000113	24459
9	00000093	24458
10	00000104	24458

4. Selanjutnya, JOIN tabel SAGENCYDATA dan STRAVELAG berdasarkan AGENCYNUM dan menampilkan data 5 teratas

SQL Console 3.sql x

Analyze v | Current schema: SFLIGHT | Connected to: BestRunTravel

```
1 SELECT TOP 5 SAGENCYDATA.AGENCYNUM, STRAVELAG.NAME, SAGENCYDATA.NUMBOOKINGS from SAGENCYDATA INNER JOIN STRAVELAG on SAGEN
```

Result x Messages x History

Rows (5)

	AGENCYNUM	NAME	NUMBOOKINGS
1	00000284	Rainy, Stormy, Cloudy	27870
2	00000122	Fly Low	27869
3	00000109	Kangeroos	27867
4	00000101	Bella Italia	27866
5	00000118	Asia By Plane	27416

5. Selanjutnya, mencari tahu kapan hari dimana top 5 agents tersebut menerima banyak booking. Pertama-tama, membuat tabel STOPAGENCY dari query sebelumnya

SQL Console 3.sql x

Analyze v | Download | Upload | Undo | Redo | Current schema: SFLIGHT | Connected to: BestRunTravel

```
1 CREATE TABLE STOPAGENCY as (select top 5 SAGENCYDATA.AGENCYNUM, STRAVELAG.NAME, SAGENCYDATA.NUMBOOKINGS from SAGENCYDATA IN
```

Messages x History

Statement: CREATE TABLE STOPAGENCY as (select top 5 ...
Client elapsed time: 21.00 ms
Statement prepare time: 2.628 ms elapsed time, 2.327 ms CPU time
Statement execute time: 19.84 ms elapsed time, 18.38 ms CPU time
Peak memory consumed: 89.15 KB

6. melihat tabel STOPAGENCY

SQL Console 3.sql x

Analyze v | Download | Upload | Undo | Redo | Current schema: SFLIGHT | Connected to: BestRunTravel







```
1 SELECT * FROM STOPAGENCY;
```

Result x Messages x History

Rows (5)				SQL	Download	Refresh	Undo
	AGENCYNUM	NAME	NUMBOOKINGS				
1	00000284	Rainy, Stormy, Cloudy	27870				
2	00000122	Fly Low	27869				
3	00000109	Kangeroos	27867				
4	00000101	Bella Italia	27866				
5	00000118	Asia By Plane	27416				

- Selanjutnya, membuat tabel SAGBOOKDAYS untuk mengetahui jumlah booking yang diterima per hari dari setiap agent

SQL Console 3.sql x

 Analyze v    

Current schema: SFLIGHT | Connected to: BestRunTravel







1 CREATE TABLE SAGBOOKDAYS as (select AGENCYNUM, dayname(ORDER_DATE) as ORDERDAY, count(dayname(ORDER_DATE)) as DAYCOUNT fr

Messages x History

Statement: CREATE TABLE SAGBOOKDAYS as (select AGENCYNUM, dayname(ORDER_DATE) as ORDERDAY, ...
Client elapsed time: 295.0 ms
Statement prepare time: 2.877 ms elapsed time, 2.554 ms CPU time
Statement execute time: 293.8 ms elapsed time, 546.4 ms CPU time
Peak memory consumed: 91.08 KB

8. Hasil dari tabel SAGBOOKDAYS

SQL Console 3.sql x

 Analyze v    

Current schema: SFLIGHT | Connected to: BestRunTravel

1 SELECT * FROM SAGBOOKDAYS

Result x Messages x History

Rows (350)

	AGENCYNUM	ORDERDAY	DAYCOUNT
1	00000121	SATURDAY	3406
2	00000087	SATURDAY	3708
3	00000301	FRIDAY	3523
4	00000124	FRIDAY	3476
5	00000112	SATURDAY	3515
6	00000119	SATURDAY	3378
7	00000122	THURSDAY	4037
8	00000061	SUNDAY	3736
9	00000254	THURSDAY	2719
10	00000222	THURSDAY	2819

9. JOIN tabel STOPAGENCY dan SAGBOOKDAYS berdasarkan hari dimana jumlah booking diterima terbesar dari top 5 agents. Berikut data top 5 partner dengan jumlah pesanan terbanyak beserta dengan hari pemesanan

SQL Console 3.sql x

Analyze v | Download | Upload | SQL | Current schema: SFLIGHT | Connected to: BestRunTravel

1 SELECT SAGBOOKDAYS.AGENCYNUM, STOPAGENCY.NAME, SAGBOOKDAYS.ORDERDAY, SAGBOOKDAYS.DAYCOUNT FROM SAGBOOKDAYS INNER JOIN STO

Result x Messages x History

Rows (5)

	AGENCYNUM	NAME	ORDERDAY	DAYCOUNT
1	00000122	Fly Low	THURSDAY	4037
2	00000109	Kangeroos	THURSDAY	4095
3	00000118	Asia By Plane	TUESDAY	4004
4	00000101	Bella Italia	THURSDAY	4038
5	00000284	Rainy, Stormy, Cloudy	MONDAY	4108