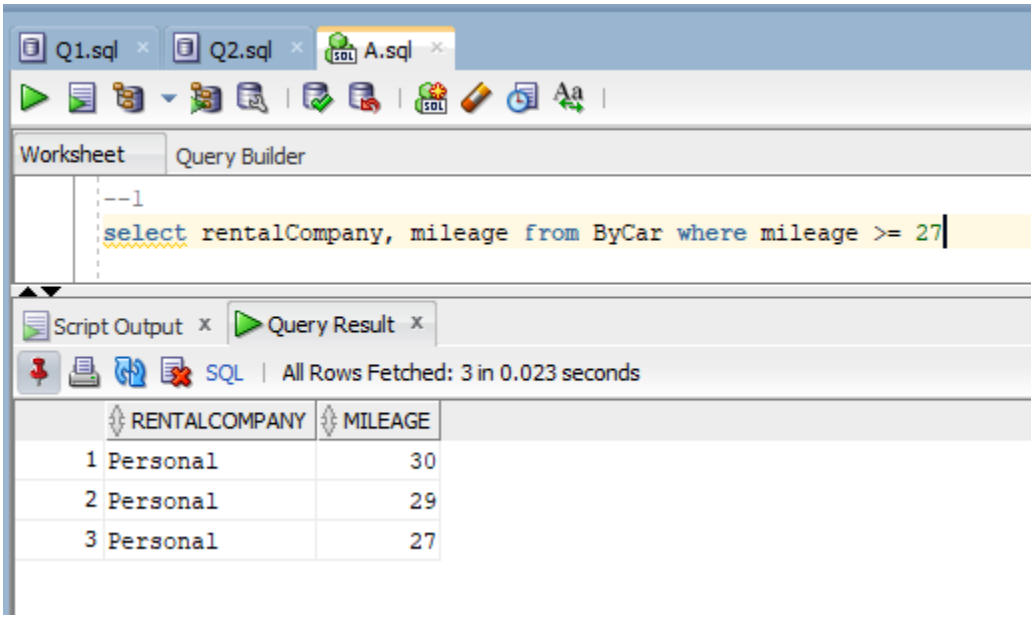
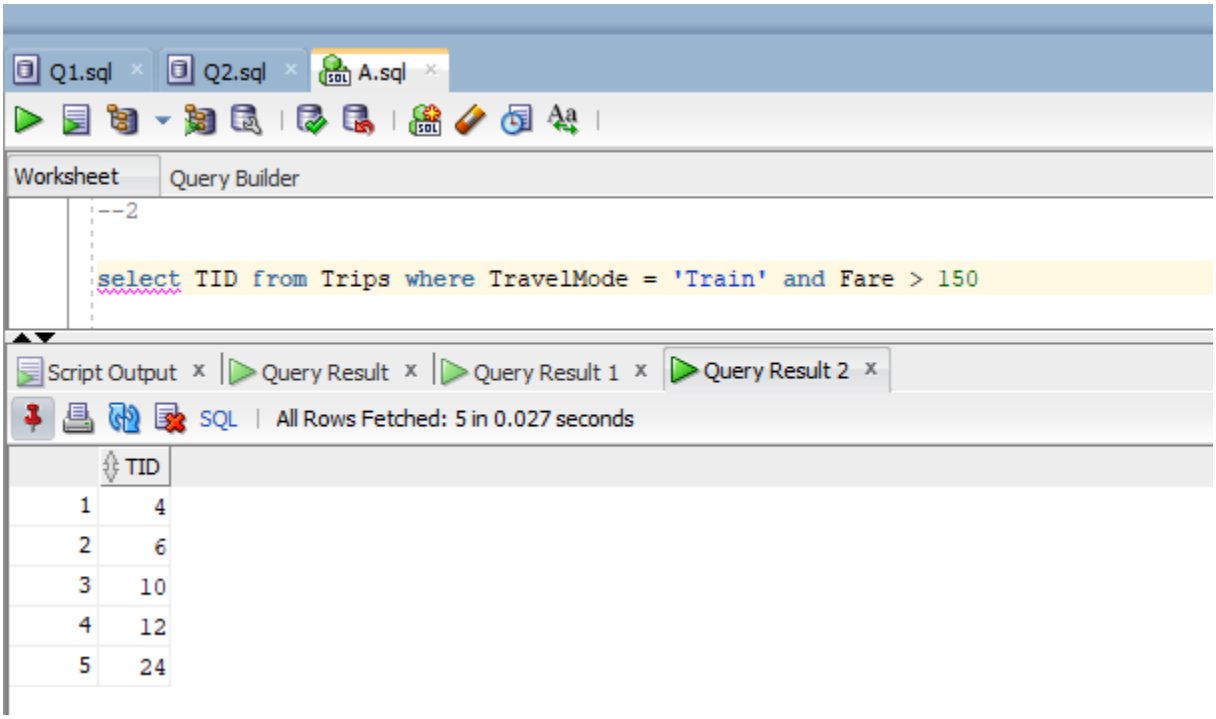
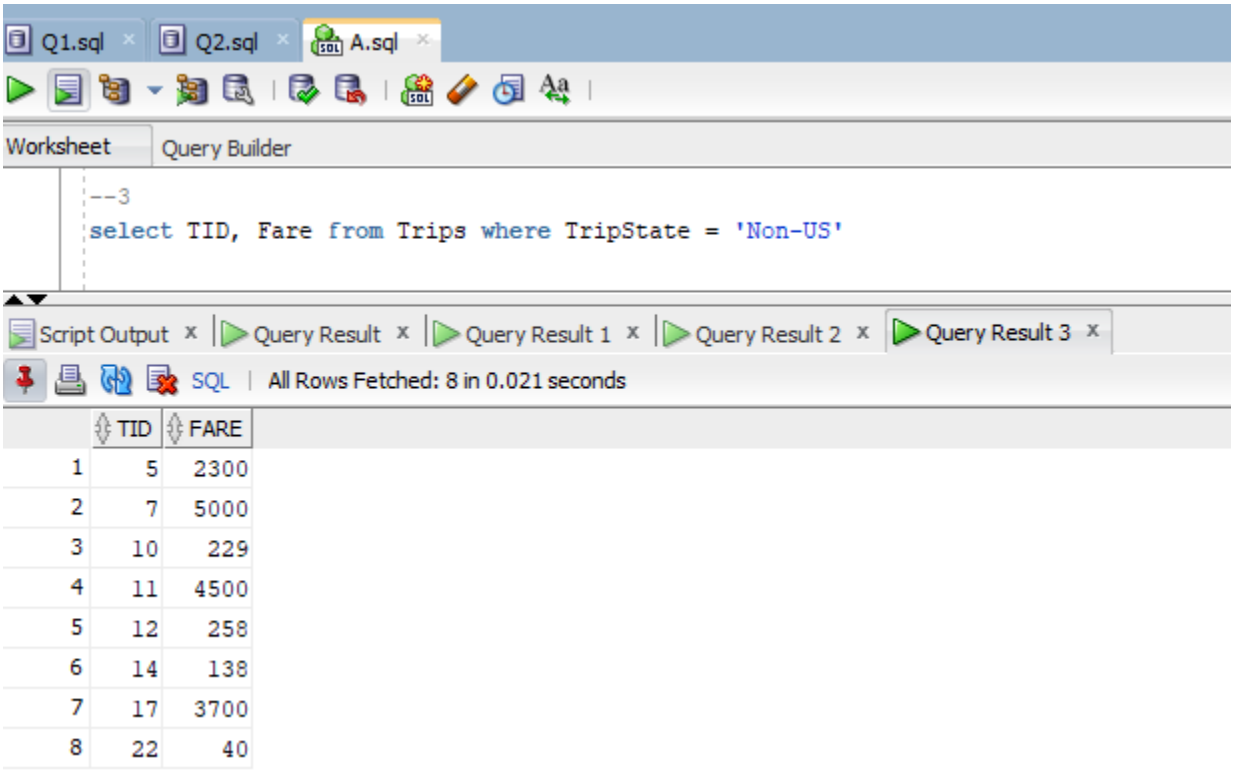
1)


Q1.sql
Q2.sql
A.sql
Worksheet
Query Builder
--1
select rentalCompany, mileage from ByCar where mileage >= 27
Script Output
Query Result
SQL | All Rows Fetched: 3 in 0.023 seconds
RENTALCOMPANY
MILEAGE
1 Personal 30
2 Personal 29
3 Personal 27

2)

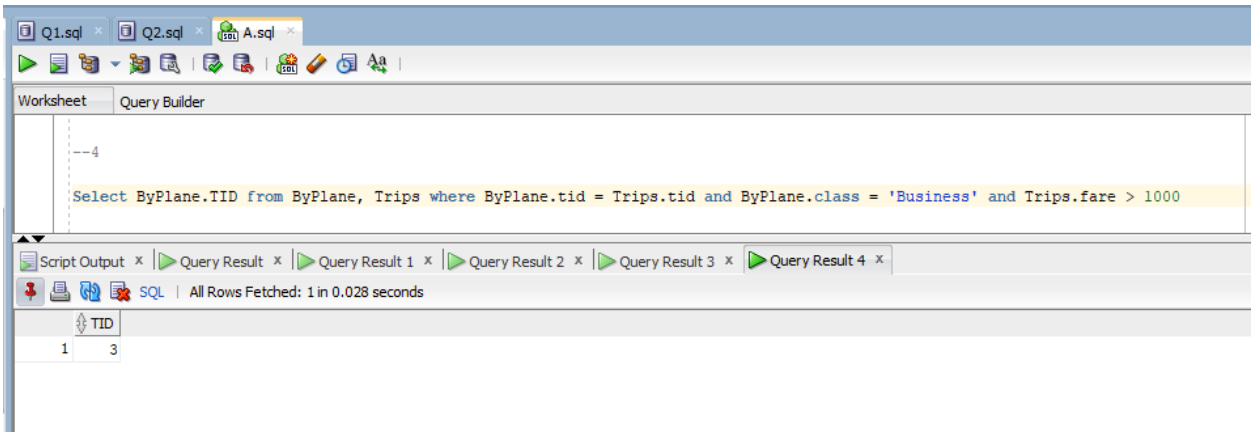

Q1.sql
Q2.sql
A.sql
Worksheet
Query Builder
--2
select TID from Trips where TravelMode = 'Train' and Fare > 150
Script Output
Query Result
Query Result 1
Query Result 2
SQL | All Rows Fetched: 5 in 0.027 seconds
TID
1 4
2 6
3 10
4 12
5 24

3)



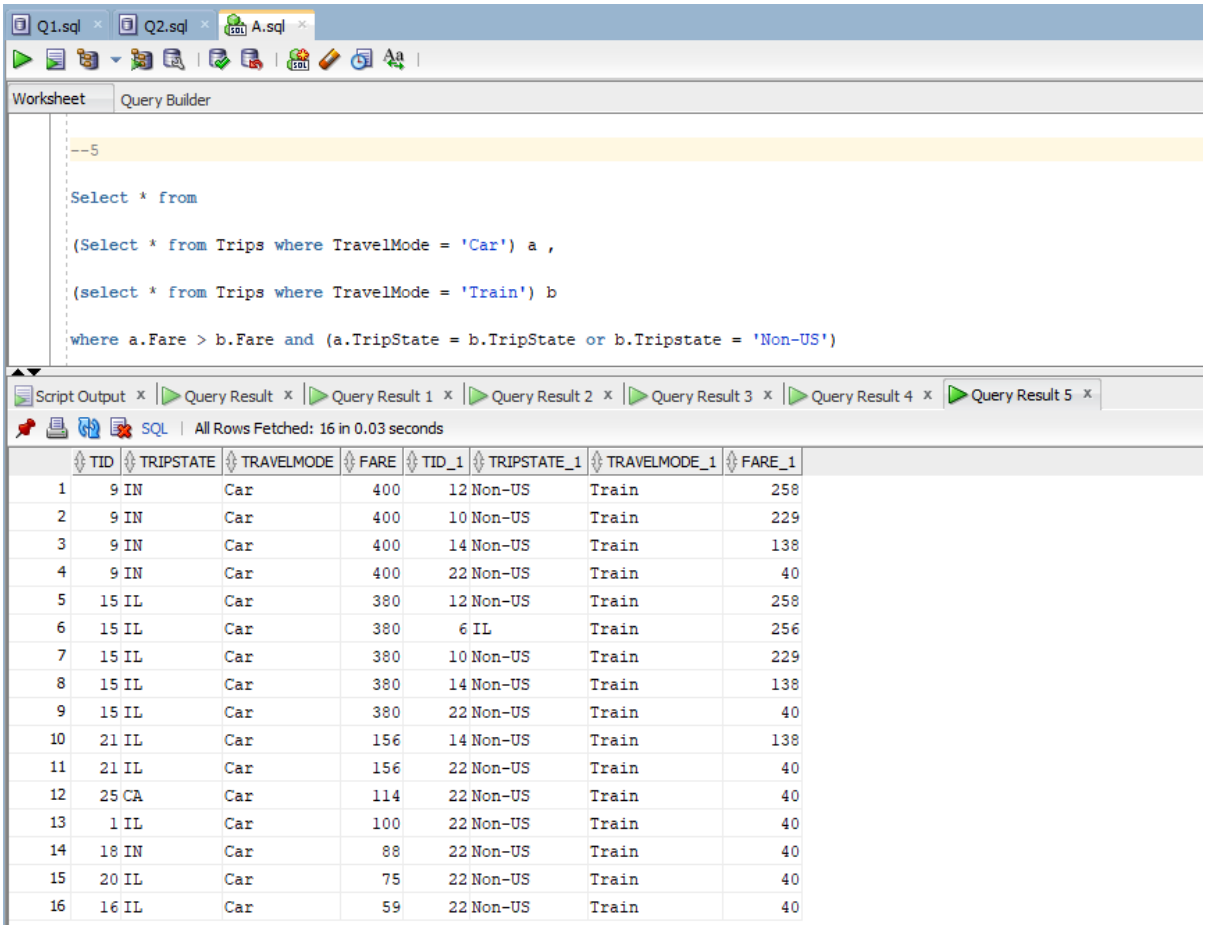
	TID	FARE
1	5	2300
2	7	5000
3	10	229
4	11	4500
5	12	258
6	14	138
7	17	3700
8	22	40

4)



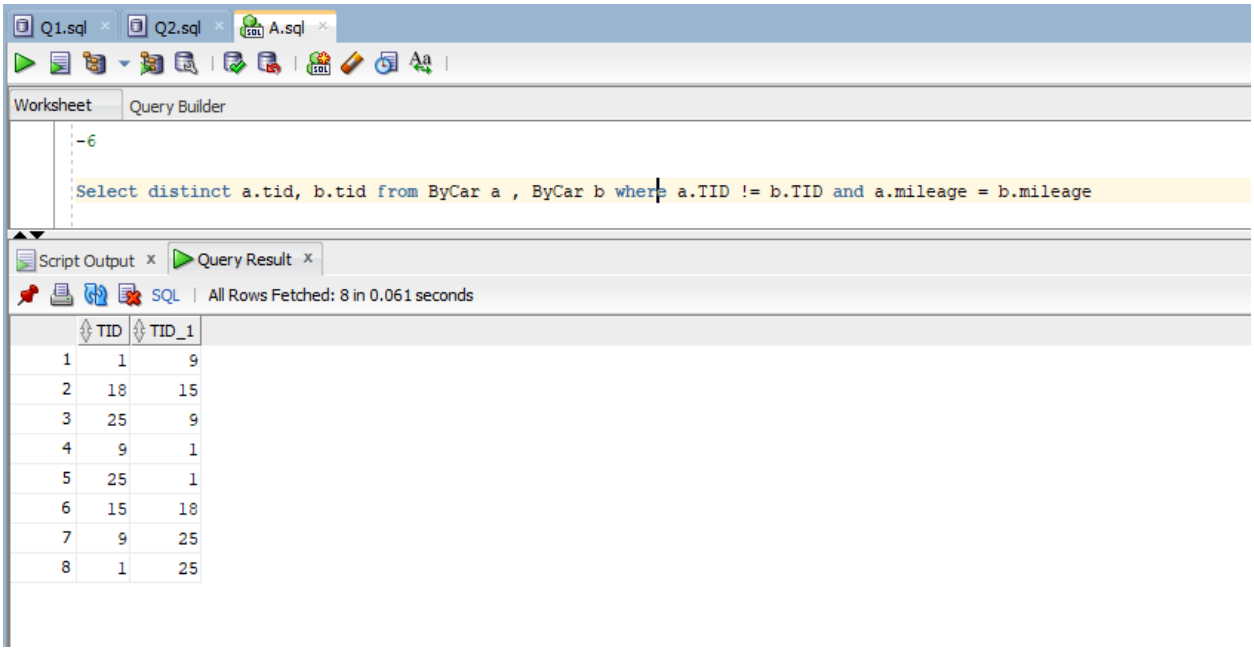
	TID
1	3

5)

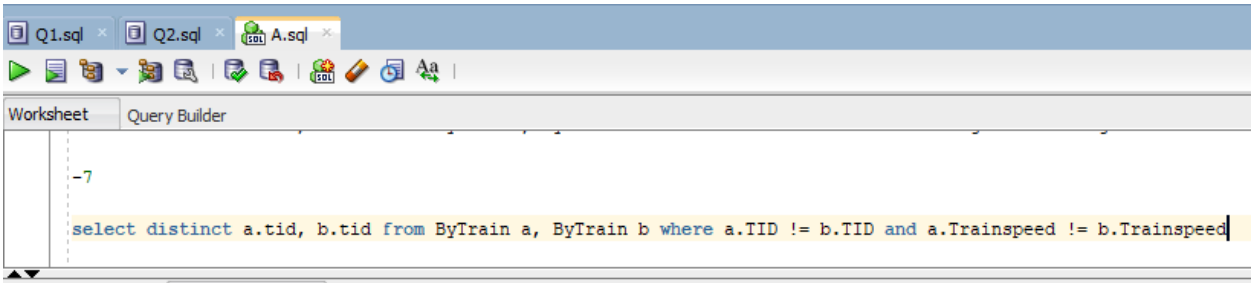


	TID	TRIPSTATE	TRAVELMODE	FARE	TID_1	TRIPSTATE_1	TRAVELMODE_1	FARE_1
1	9	IN	Car	400	12	Non-US	Train	258
2	9	IN	Car	400	10	Non-US	Train	229
3	9	IN	Car	400	14	Non-US	Train	138
4	9	IN	Car	400	22	Non-US	Train	40
5	15	IL	Car	380	12	Non-US	Train	258
6	15	IL	Car	380	6	IL	Train	256
7	15	IL	Car	380	10	Non-US	Train	229
8	15	IL	Car	380	14	Non-US	Train	138
9	15	IL	Car	380	22	Non-US	Train	40
10	21	IL	Car	156	14	Non-US	Train	138
11	21	IL	Car	156	22	Non-US	Train	40
12	25	CA	Car	114	22	Non-US	Train	40
13	1	IL	Car	100	22	Non-US	Train	40
14	18	IN	Car	88	22	Non-US	Train	40
15	20	IL	Car	75	22	Non-US	Train	40
16	16	IL	Car	59	22	Non-US	Train	40

6)


Q1.sql
Q2.sql
A.sql
Worksheet
Query Builder
-6
Select distinct a.tid, b.tid from ByCar a , ByCar b where a.TID != b.TID and a.mileage = b.mileage
Script Output
Query Result
SQL
All Rows Fetched: 8 in 0.061 seconds
TID
TID_1
1 1 9
2 18 15
3 25 9
4 9 1
5 25 1
6 15 18
7 9 25
8 1 25

7)



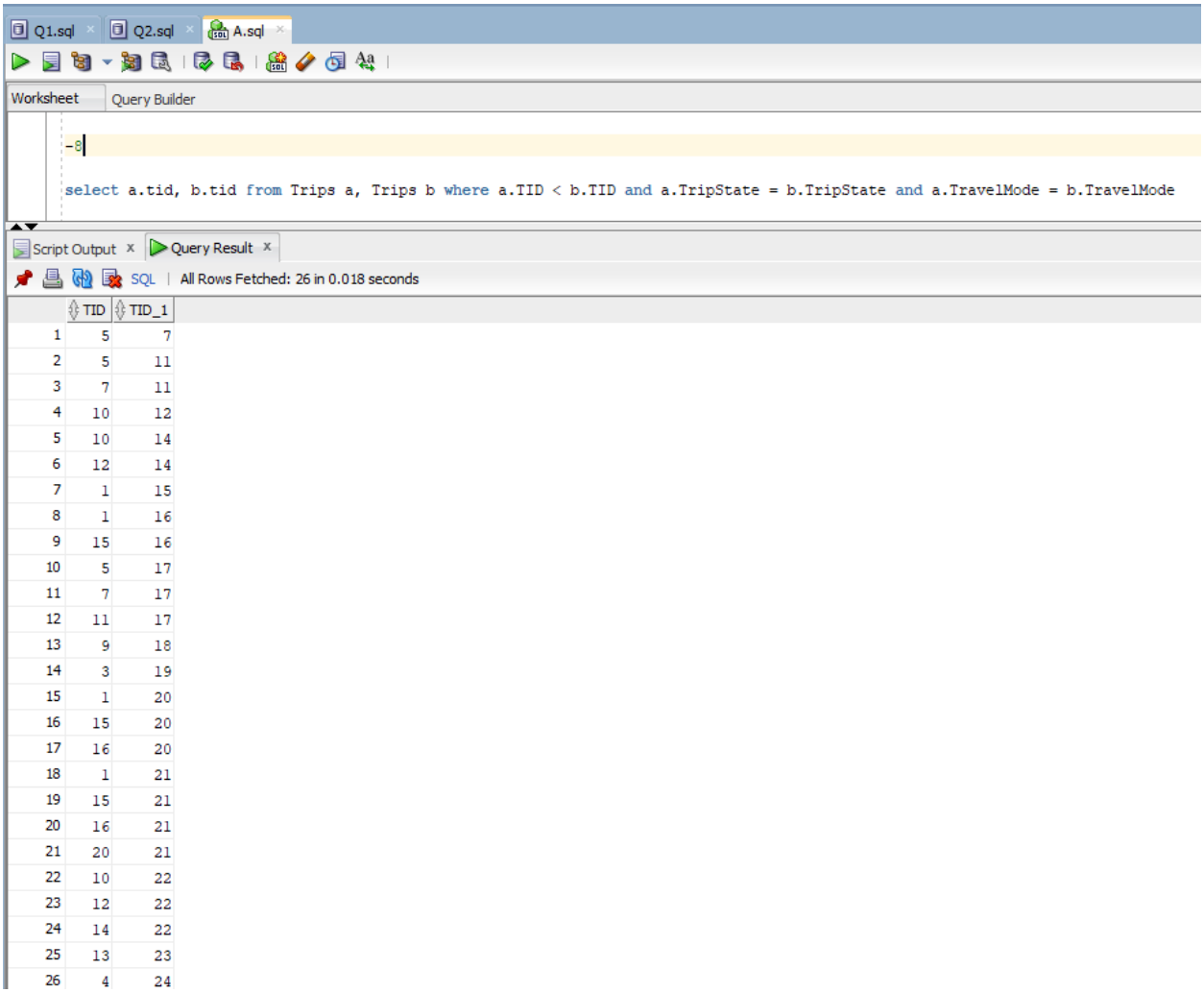
Script Output | Query Result

SQL | All Rows Fetched: 52 in 0.036 seconds

	TID	TID_1
1	4	12
2	4	24
3	6	12
4	6	22
5	8	14
6	10	4
7	10	6
8	10	12
9	12	14
10	14	12
11	24	6
12	24	14
13	6	24
14	8	24
15	10	8
16	12	22
17	14	22
18	22	12
19	22	24
20	24	4
21	4	6
22	12	4
23	8	12
24	10	22
25	12	10
26	12	24
27	24	12
28	24	22
29	12	6
30	14	8
31	22	10
32	4	14
33	6	4
34	6	8

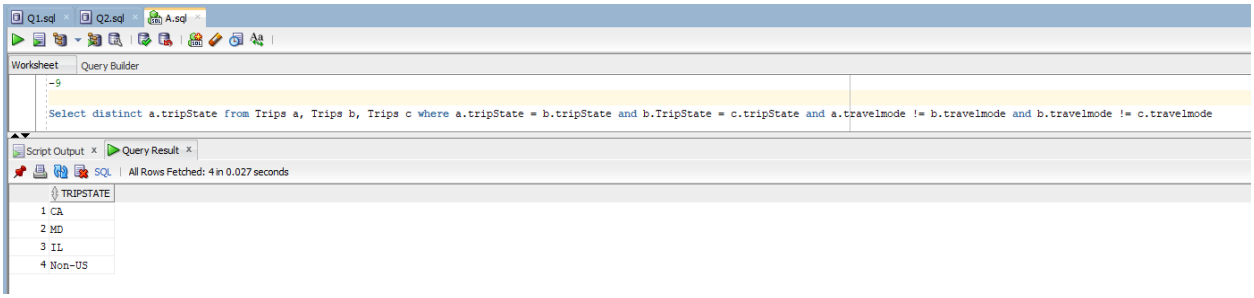
34	6	8
35	8	22
36	12	8
37	14	4
38	22	6
39	24	8
40	4	10
41	4	22
42	8	6
43	8	10
44	10	24
45	14	6
46	6	10
47	6	14
48	14	24
49	22	4
50	22	8
51	22	14
52	24	10

8)

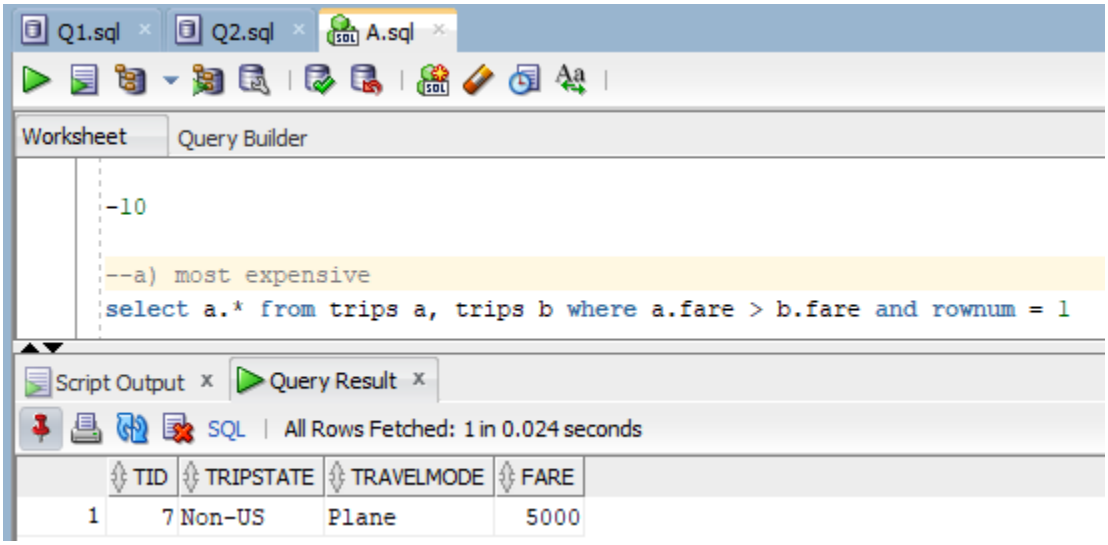


	TID	TID_1
1	5	7
2	5	11
3	7	11
4	10	12
5	10	14
6	12	14
7	1	15
8	1	16
9	15	16
10	5	17
11	7	17
12	11	17
13	9	18
14	3	19
15	1	20
16	15	20
17	16	20
18	1	21
19	15	21
20	16	21
21	20	21
22	10	22
23	12	22
24	14	22
25	13	23
26	4	24

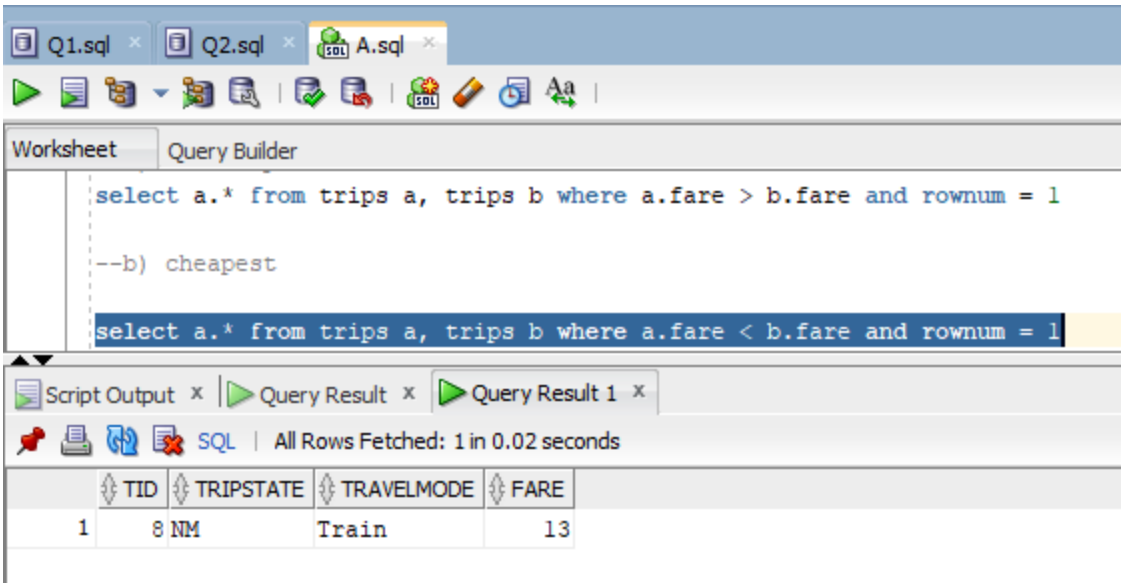
9)


Q1.sql
Q2.sql
A.sql
Worksheet
Query Builder
-9
Select distinct a.tripState from Trips a, Trips b, Trips c where a.tripState = b.tripState and b.TripState = c.tripState and a.travelmode != b.travelmode and b.travelmode != c.travelmode
Script Output
Query Result
SQL | All Rows Fetched: 4 in 0.027 seconds
TRIPSTATE
1 CA
2 MD
3 IL
4 Non-US

10) A


Q1.sql
Q2.sql
A.sql
Worksheet
Query Builder
-10
--a) most expensive
select a.* from trips a, trips b where a.fare > b.fare and rownum = 1
Script Output
Query Result
SQL | All Rows Fetched: 1 in 0.024 seconds
TID
TRIPSTATE
TRAVELMODE
FARE
1
7
Non-US
Plane
5000

B


Q1.sql
Q2.sql
A.sql
Worksheet
Query Builder
select a.* from trips a, trips b where a.fare > b.fare and rownum = 1
--b) cheapest
select a.* from trips a, trips b where a.fare < b.fare and rownum = 1
Script Output
Query Result
Query Result 1
SQL
All Rows Fetched: 1 in 0.02 seconds
TID
TRIPSTATE
TRAVELMODE
FARE
1
8
NM
Train
13