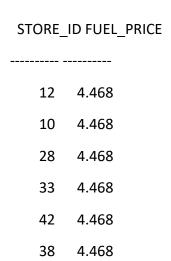
RETAIL SALES ANALYTICS PART-IV

Question 1: Develop 4 nested queries that satisfy these requirements:

- At least one subquery per query
- At least 2 of the queries must use an aggregate function
- At least 2 of the queries must use a join (either inner of outer)
- i) SQL> select store_id,fuel_price from feature_data where fuel_price in (select MAX(fuel_price) from feature_data);



6 rows selected.

ii) SQL> select sales_id,MIN(weekly_sales)from sales where sales_id<10 group by sales_id;

```
SALES_ID MIN(WEEKLY_SALES)

1 24924.5
2 46039.49
3 41595.55
4 19403.54
```

5	21827.9
6	21043.39
7	22136.64

8 26229.21

9 57258.43

9 rows selected.

iii) SQL> select sales.isholiday,feature_date from sales inner join feature_data on sales.isholiday = feature_data.isholiday where sales_id<5 and feature_id<5;

ISHOLIDAY	FEATURE
FALSE	05-02-10
FALSE	05-02-10
FALSE	05-02-10
TRUE	12-02-10
FALSE	19-02-10
FALSE	19-02-10
FALSE	19-02-10
FALSE	26-02-10
FALSE	26-02-10
FALSE	26-02-10

10 rows selected.

DEPT			
1			
1			
1			
1			
1			
1			