

MODERN DATABASE SYSTEMS LAB 6

RETAIL SALES ANALYTICS PART2

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Question 1:

```
SELECT s.dept, s.DATE1, s.WEEKLY_SALES, s.ISHOLIDAY, f.STORE_ID
FROM sales_data s, features_data f
WHERE s.STORE_ID = f.STORE_ID
FETCH FIRST 3 ROWS ONLY;
```

```
SQL> SELECT s.dept, s.DATE1, s.WEEKLY_SALES, s.ISHOLIDAY, f.STORE_ID
2  FROM sales_data s, features_data f
3  WHERE s.STORE_ID = f.STORE_ID
4*  FETCH FIRST 3 ROWS ONLY;
```

DEPT	DATE1	WEEKLY_SALES	ISHOLIDAY	STORE_ID
1	05-02-10	24924.5	FALSE	1
1	05-02-10	24924.5	FALSE	1
1	05-02-10	24924.5	FALSE	1

```
SELECT s.STORE_ID, s.TEMPERATURE, s.CPI, sa.WEEKLY_SALES
FROM features_data s, sales_data sa
WHERE s.STORE_ID = sa.STORE_ID
FETCH FIRST 3 ROWS ONLY;
```

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SQL> SELECT s.STORE_ID, s.TEMPERATURE, s.CPI, sa.WEEKLY_SALES
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```

STORE_ID	TEMPERATURE	CPI	WEEKLY_SALES
1	42.31	211.0963582	24924.5
1	38.51	211.2421698	24924.5
1	39.93	211.2891429	24924.5

```
SELECT s.DEPT, f.TEMPERATURE, f.FUEL_PRICE, s.STORE_ID
FROM sales_data s
JOIN features_data f ON s.STORE_ID = f.STORE_ID
FETCH FIRST 3 ROWS ONLY;
```

```
SQL> SELECT s.DEPT, f.TEMPERATURE, f.FUEL_PRICE, s.STORE_ID
2 FROM sales_data s
3 JOIN features_data f ON s.STORE_ID = f.STORE_ID
4* FETCH FIRST 3 ROWS ONLY;
```

DEPT	TEMPERATURE	FUEL_PRICE	STORE_ID
1	42.31	2.572	1
1	38.51	2.548	1
1	39.93	2.514	1

Question 2:

```
SELECT s.DEPT, f.TEMPERATURE, f.FUEL_PRICE, s.STORE_ID
FROM sales_data s
LEFT JOIN features_data f ON s.STORE_ID = f.STORE_ID
FETCH FIRST 3 ROWS ONLY;
```

```
SQL> SELECT s.DEPT, f.TEMPERATURE, f.FUEL_PRICE, s.STORE_ID
2 FROM sales_data s
3 LEFT JOIN features_data f ON s.STORE_ID = f.STORE_ID
[ 4* FETCH FIRST 3 ROWS ONLY;
```

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