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Labsheet 5

1.

SQL> desc stores;

Name	Null?	Type
STORE_ID		NUMBER(38)
TYPE		VARCHAR2(26)
IS_SIZE		NUMBER(38)

SQL> desc sales;

Name	Null?	Type
SALES_ID		NUMBER(38)
STORE_ID		NUMBER(38)
DEPT		NUMBER(38)
IS_DATE		DATE
WEEKLY_SALES		NUMBER(38,2)
ISHOLIDAY		VARCHAR2(26)

SQL> desc features;

Name	Null?	Type
STORE_ID		NUMBER(38)
IS_DATE		DATE
TEMPERATURE		NUMBER(38,2)
FUEL_PRICE		NUMBER(38,3)

MARKDOWN1	NUMBER(38,2)
MARKDOWN2	NUMBER(38,2)
MARKDOWN3	NUMBER(38,2)
MARKDOWN4	NUMBER(38,2)
MARKDOWN5	NUMBER(38,2)
CPI	NUMBER(38,7)
UNEMPLOYMENT	NUMBER(38,3)
ISHOLIDAY	VARCHAR2(26)

2.

SQL> alter table stores add primary key(store_id);

Table altered.

SQL> alter table features add foreign key(store_id) references stores(store_id);

Table altered.

SQL> alter table sales add foreign key(store_id) references stores(store_id);

Table altered.

3.

i)

SQL> select sales_id,dept from sales where sales_id <= 30 order by sales_id ;


```
  SALES_ID    DEPT
---------- ----------
        1          1
        2          1
        3          1
        4          1
```

5	1
6	1
7	1
8	1
9	1
10	1
11	1

SALES_ID	DEPT
----------	----------
12	1
13	1
14	1
15	1
16	1
17	1
18	1
19	1
20	1
21	1
22	1

SALES_ID	DEPT
----------	----------
23	1
24	1
25	1
26	1
27	1

28	1
29	1
30	1

ii)

SQL> select sales_id, dept, weekly_sales from sales where weekly_sales<10 group by sales_id, dept, weekly_sales order by weekly_sales;

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.

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SALES_ID	DEPT	WEEKLY_SALES
222529	45	9.97
222599	45	9.97
252612	45	9.97
252644	45	9.97
272819	45	9.97
272821	45	9.97
299554	45	9.97
326316	45	9.97
326320	45	9.97
326325	45	9.97
326340	45	9.97

SALES_ID	DEPT	WEEKLY_SALES
376684	45	9.97
417639	45	9.97
417645	45	9.97
417651	45	9.97

SALES_ID	DEPT	WEEKLY_SALES
417652	45	9.97
46125	56	9.97
358169	59	9.97
216528	96	9.97
340231	98	9.97
27097	59	9.98
27100	59	9.98

SALES_ID	DEPT	WEEKLY_SALES
27101	59	9.98
27102	59	9.98
67112	83	9.98
137786	96	9.98
350571	52	9.99
401808	52	9.99

6727 rows selected.