

6.9.1

Part 1

1. SELECT *

FROM SALES_REPRESENTATIVES
JOIN SALES_REP_ADDRESSES;

2. SELECT ID, FIRST_NAME, LAST_NAME, ADDRESS_LINE_1, ADDRESS_LINE_2,
CITY, EMAIL, PHONE_NUMBER
FROM SALES_REPRESENTATIVES NATURAL
JOIN SALES_REP_ADDRESSES;

Part 2

1. SELECT ID, FIRST_NAME, LAST_NAME, ADDRESS_LINE_1, ADDRESS_LINE_2,
CITY, EMAIL, PHONE_NUMBER
FROM SALES_REPRESENTATIVES ~~NATURAL~~
JOIN SALES_REP_ADDRESSES
USING (ID);

2. SELECT *
FROM ITEMS
JOIN PRICE_HISTORY
USING (ITEM_NUMBER);

Part 3

SELECT
C.CTR_NUMBER, C.FIRST_NAME, C.LAST_NAME, C.PHONE_NUMBER,
C.EMAIL, S.ID, S.FIRST_NAME, S.LAST_NAME, S.EMAIL
FROM CUSTOMERS C
JOIN SALES_REPRESENTATIVES S
ON C.SRE_ID = S.ID;

Part 4

```
SELECT  
C.CTR_NUMBER, C.CTRFIRST_NAME, C.LAST_NAME, C.PHONE_NUMBER, C.EMAIL,  
S.ID, S.FIRST_NAME, S.LAST_NAME, S.EMAIL, T.NAME AS "TEAM NAME"  
FROM CUSTOMERS C  
JOIN SALES SALES_REPRESENTATIVES S  
ON C.SRE_ID = S.ID  
JOIN TEAMS T  
ON C.TEM_ID = T.ID;
```

Part 5 .

```
SELECT  
C.CTR_NUMBER, C.FIRST_NAME, C.LAST_NAME, C.PHONE_NUMNUMBER, C.EMAIL,  
S.FIRST_NAME, S.LAST_NAME, S.EMAIL, T.NAME AS "TEAM NAME"  
FROM CUSTOMER C  
JOIN SALES_REPRESENTATIVES S  
ON C.SRE_ID = S.ID  
JOIN TEAMS T  
ON C.TEM_ID = T.ID  
WHERE CTR_NUMBER = 'c00001';
```

Part 6

```
SELECT 'The cost of the' || I.NAME || ' on this day was' || P.PRICE AS "ITEM DETAILS"  
FROM ITEMS I  
JOIN PRICE_HISTORY P  
ON ('12-Dec-2016' BETWEEN P.START_DATE AND P.END_DATE)  
AND (I.ITM_NUMBER = 'im01101045');
```

6.9.2

Part 1

```
SELECT R.FIRST_NAME || ' ' || R.LAST_NAME AS "Rep", S.FIRST_NAME || ' ' ||  
S.LAST_NAME AS "Supervisor"  
FROM SALES_REPRESENTATIVES R  
JOIN SALES_REPRESENTATIVES S  
ON R.SUPERVISOR_ID = S.ID;
```

Part 2

```
SELECT **  
FROM TEAMS T RIGHT OUTER  
JOIN ENCUSTOMERS C  
ON T.ID = C.TEM_ID;
```

Part 3

```
SELECT *  
FROM ENCUSTOMERS CROSS  
JOIN SALES_REPRESENTATIVES;
```