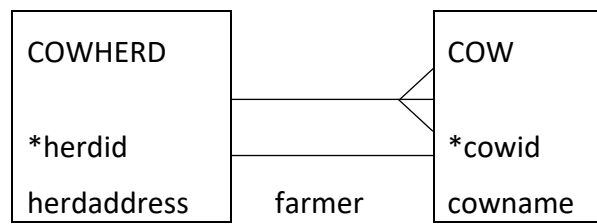


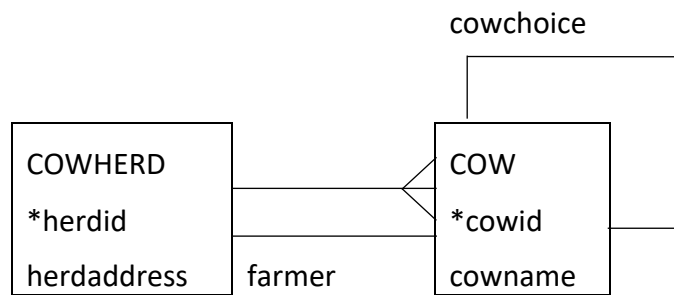
Ch. 6 Exercises

1.

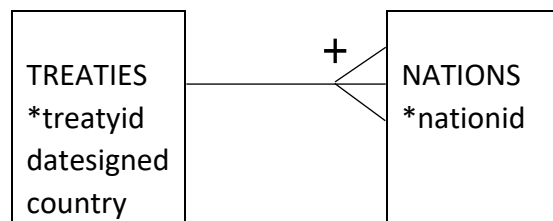
a) i.



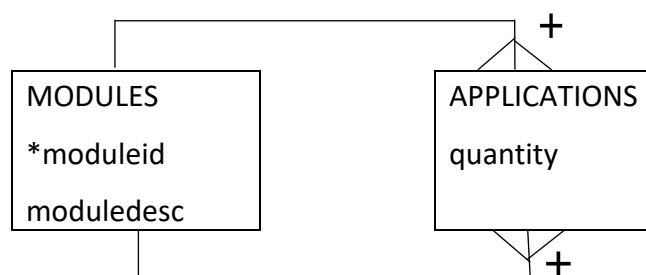
ii.



e)



g)



2.

a)

WITH

wrk AS (SELECT * FROM emp),

boss AS (SELECT * FROM emp)

```
SELECT deptname FROM dept
      ON wrk.bossno = boss.empno
      WHERE wrk.empsalary < boss.empsalary;
```

c)

```
SELECT deptname, AVG(empsalary)
FROM emp
GROUP BY deptname
HAVING AVG(empsalary) > 25000;
```

e)

```
WITH
wrk AS (SELECT * FROM emp),
boss AS (SELECT * FROM emp)
SELECT wrk.empfname, boss.empfname
FROM dept
      ON wrk.bossno = boss.empno
      WHERE deptname = 'Marketing'
      AND empsalary > 25000;
```

3.

a)

```
SELECT monname, monnum
FROM monarch
WHERE premonname = 'Victoria' AND premonnum = 'I';
```

c)

```
SELECT COUNT(montype)
FROM monarch
WHERE montype = 'King';
```

4.

a)

```
SELECT COUNT(*)
FROM product
JOIN assembly
      ON product.productid = assembly.prodid
      WHERE proddesc = 'Animal photography kit';
```

c)

```
SELECT SUM(prodcost)
FROM product
WHERE prodid <> 1000;
```