

- 1) Bob
- 2) Steve
- 3) Sue
- 4) Mary
- ⋮

Enter a number:

EMPLOYEE

Fname	Minit	Lname	<u>Ssn</u>	Bdate	Address	Sex	Salary	Super_ssn	Dno
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DEPARTMENT

Dname	<u>Dnumber</u>	Mgr_ssn	Mgr_start_date
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DEPT_LOCATIONS

<u>Dnumber</u>	<u>Dlocation</u>
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PROJECT

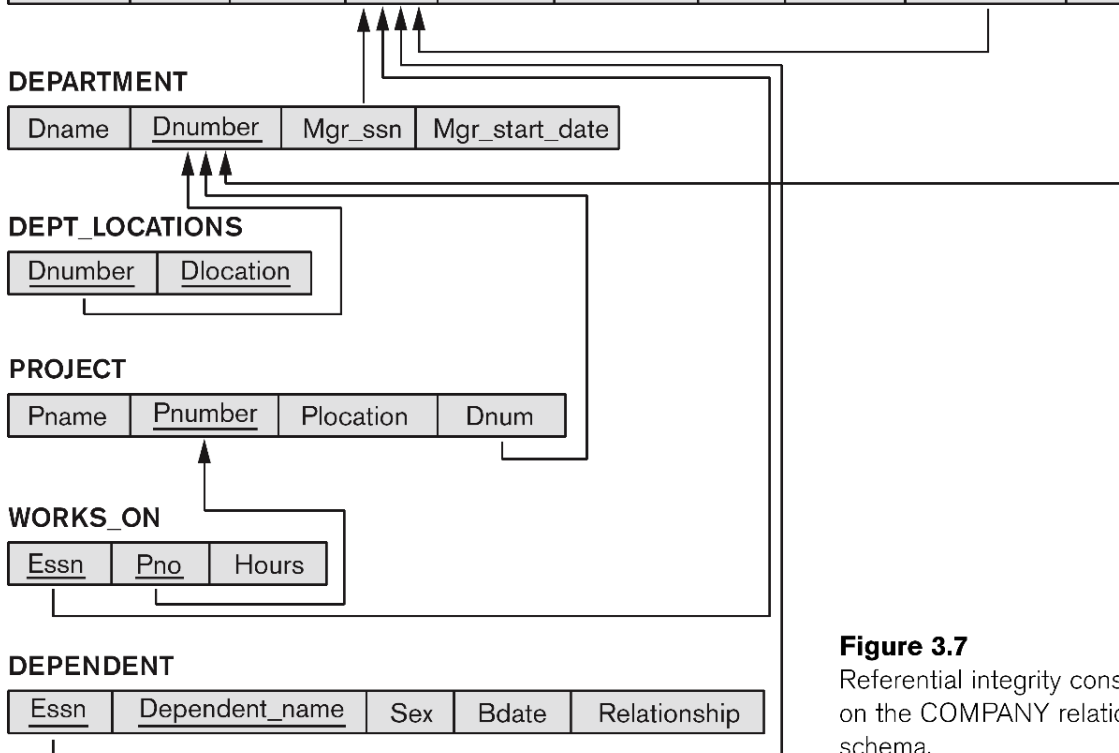
Pname	<u>Pnumber</u>	Plocation	Dnum
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WORKS_ON

<u>Essn</u>	<u>Pno</u>	Hours
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DEPENDENT

<u>Essn</u>	<u>Dependent_name</u>	Sex	Bdate	Relationship
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**Figure 3.7**

Referential integrity constraints displayed on the COMPANY relational database schema.

outer join

T1 and T2

match tuples in T1, T2
and items in T1 w/ no
match in T2

↑
left outer join

SELECT FNAME, LNAME, PNO FROM

-> EMPLOYEE LEFT OUTER JOIN WORKS_ON ON SSN=ESSN;

Aggregates

COUNT

MAX

MIN

AVG

SUM

SELECT
FROM
WHERE
GROUP BY
HAVING
ORDER BY