A relational database scheme = relation schemes(table schemes)即各个table的框架/属性 不包含数据

Relational database 是 relational database scheme的实例，relational database scheme是各个database scheme的集合

唯一的属性Key 可以是多个属性，甚至也可以为全部属性，a table scheme可以有不止一个key，可以选择其中一个作为primary key（主键），也可说是一个table 由它的主键唯一标识（"is uniquely identified by"）

Foreign key reference(外键)，明确tables之间的联系

SELECT EMPLOYEE.SSN

WHERE DEPENDENT.NAME = ALICE

AND DEPENDENT.RELATIONSHIP = DAUGHTER

EMPLOYEE.DNO = DEPARTMENT.DNUMBER

EMPLOYEE.SSN = DEPENDENT.ESSN

FROM EMPLOYEE,DEPENDENT,DEPARTMENT

SELECT EMPLOYEE.SSN

FROM EMPLOYEE AS EMP,EMPLOYEE AS SUP

WHERE EMP.SUPERSSN=SUP.SSN

SUP.SALAY > 100K

SELECT DEPARTMENT.DNUM

FORM DEPARMENT, PROJECT

WHERE DEPARTMENT.DNUM = PROJECT.DNUM

PROJECT.PLOCATI

SELECT EMPLOYEE.SSN

FROM EMPLOYEE

WHERE

(Select count(\*)

From employee,dependent

Where EMPLOYEE.SUPERSSN = DEPENDENT.ESSN)>5

SELECT EMPLOYEE.SSN

FROM EMPLOYEE,dependent

WHERE empye

(Select count(\*)

From employee,dependent

Where EMPLOYEE.SUPERSSN = DEPENDENT.ESSN)>5

Select employee.ssn

From employee

Where employee.superssn in ( count(select\*

From employee,dependent

where)

)

SELECT WORKS\_ON.pno

FROM WORKS\_ON,

Where count (work.on pno) >10