CREATING A TABLE

CREATE TABLE myTable (col1 integer)

myTable

col1
120

NULL VALUES

```
CREATE TABLE myTable
(
        NAME varchar(30),
        COUNTRY     varchar(20)     NOT
NULL
)
```

DEFAULT VALUES

CREATE TABLE USERS

(

      NAME CHAR(20),

      AGE INTEGER,

      PROFESSION VARCHAR(30) with   default

'Student'

)

CONSTRAINTS

Constraints allow you to define rules for the data in your table. There are different types of constraints. We suggest the following suffixes for constraint names:

- PRIMARY KEY: _pk
- UNIQUE: _uq
- DEFAULT: _df
- CHECK: _ck
- FOREIGN KEY: _fk

CONSTRAINTS - Example

```
CREATE TABLE EMPLOYEE
(
ID integer NOT NULL CONSTRAINT ID_pk PRIMARY KEY,
NAME varchar(9),
DEPT smallint CONSTRAINT dept_ck CHECK (DEPT BETWEEN 10
AND 100),
JOB char(5) CONSTRAINT dept_ck CHECK (JOB IN
('Sales','Mgr','Clerk')),
HIREDATE date,
SALARY decimal(7,2),
CONSTRAINT yearsal_ck CHECK (YEAR(HIREDATE) > 1986 OR
SALARY > 40500)
)
```