**SQL for Table Creation**

**CREATE TABLE Customer\_Order**

(ORDERNO SMALLINT(6) NOT NULL,

DATE DATE NOT NULL,

CUSTOMERNO SMALLINT(4) NOT NULL,

PRODUCTNO CHAR(4) NOT NULL,

QTY\_ORDERED SMALLINT(4) NOT NULL)

**CREATE TABLE Product\_Data**

(PRODUCTNO CHAR(4) NOT NULL,

DESCRIPTION VARCHAR(40) NOT NULL,

LOCATION CHAR(1) NOT NULL,

UNIT\_PRICE DECIMAL(6,2) NOT NULL,

QTY\_ON\_HAND SMALLINT(4) NOT NULL,

REORDER\_POINT SMALLINT(4) NOT NULL,

SCHEDULED\_RECEIPTS SMALLINT(4),

REORDER\_QTY SMALLINT(4) NOT NULL,

QTY\_BACKORDERED SMALLINT(4),

FINISH VARCHAR(15) NOT NULL,)

**CREATE TABLE Bill\_Of\_Materials**

(PARTNO SMALLINT(6) NOT NULL,

PRODUCTNO CHAR(4) NOT NULL,

PART\_DESCR VARCHAR(20) NOT NULL,

QTY\_USED SMALLINT(3) NOT NULL,

CODE TINYINT(1) NOT NULL,

LOCATION CHAR(1) NOT NULL)

**CREATE TABLE Customer**

(CUSTOMERNO SMALLINT(4) NOT NULL,

CUSTOMER\_NAME VARCHAR(20) NOT NULL,

CUSTOMER\_ADDRESS VARCHAR(25) NOT NULL,

CITY\_ST\_ZIP VARCHAR(25) NOT NULL)

**CREATE TABLE Customer\_Account**

(CUSTOMERNO SMALLINT(4) NOT NULL,

YTD\_PURCHASES DECIMAL(8,2),

OUTSTANDING\_BALANCE DECIMAL(7,2) NOT NULL,

CREDIT\_LIMIT DECIMAL(7,2),

DISCOUNT% DECIMAL(4,2))

**CREATE TABLE Customer\_Invoice**

(INVOICENO SMALLINT(6) NOT NULL,

ORDERNO SMALLINT(6) NOT NULL,

PRODUCTNO CHAR(4) NOT NULL,

DATE DATE NOT NULL,

QTY\_SHIPPED SMALLINT(4) NOT NULL,

QTY\_BACKORDERED SMALLINT(4),

TOTAL\_PRICE DECIMAL(6,2) NOT NULL,

TOTAL\_AMOUNT DECIMAL(7,2) NOT NULL,

DISCOUNT DECIMAL(6,2) ,

AMOUNT\_DUE DECIMAL(7,2) NOT NULL)

**CREATE TABLE Routing**

(OP\_PROD\_WC CHAR(10) NOT NULL,

OPERATIONNO SMALLINT(3) NOT NULL,

PRODUCTNO CHAR(4) NOT NULL,

WC\_ID CHAR(3) NOT NULL,

OPER\_DESCR CHAR(20) NOT NULL,

SETUP TIME TIME NOT NULL,

STD\_OPER\_TIME TIME NOT NULL)

**CREATE TABLE Work\_Center\_Capacity**

(WC\_ID CHAR(3) NOT NULL,

WORK\_CENTER VARCHAR(20) NOT NULL,

CAPACITY SMALLINT(3) NOT NULL,

LOAD SMALLINT(3) NOT NULL,

%CAP DECIMAL(4,1) NOT NULL,

WEEK \_NO VARCHAR(7) NOT NULL)

**CREATE TABLE Job\_Status**

(JOB\_NO SMALLINT(4) NOT NULL,

WC\_ID CHAR(3) NOT NULL,

QUANTITY SMALLINT(4) NOT NULL,

DATE\_DUE SMALLINT(3) NOT NULL,

PRODUCTNO CHAR(4) NOT NULL,

EST\_COMP SMALLINT(3) NOT NULL)