```sql
12
13 ● insert into AUTHOR values(1001, 'TERAS CHAN', 'CA', 'USA');
14 ● insert into AUTHOR values(1002, 'STEVENS', 'ZOMBI', 'UGANDA');
15 ● insert into AUTHOR values(1003, 'M MANO', 'CAIR', 'CANADA');
16 ● insert into AUTHOR values(1004, 'KARTHIK B P', 'NEW YORK', 'USA');
17 ● insert into AUTHOR values(1005, 'WILLIAM STALLINGS', 'LAS VEGAS', 'USA');
18 ● select * from AUTHOR;
19
20 ● insert into PUBLISHER values(1, 'PEARSON', 'NEW YORK', 'USA' );
21 ● insert into PUBLISHER values(2, 'EEE', 'NSW', 'USA' );
22 ● insert into PUBLISHER values(3, 'PHI', 'DELHI', 'INDIA');
```

Result Grid | Filter Rows: | Edit: | Export/Import: | Wrap Cell Content: | Result Grid

Author_ID	Name	City	Country
1001	TERAS CHAN	CA	USA
1002	STEVENS	ZOMBI	UGANDA
1003	M MANO	CAIR	CANADA
1004	KARTHIK B P	NEW YORK	USA
1005	WILLIAM STALLINGS	LAS VEGAS	USA
NULL	NULL	NULL	NULL

Form Editor

AUTHOR 1 ×

Apply   Revert

```sql
20 •    insert into PUBLISHER values(1, 'PEARSON', 'NEW YORK', 'USA' );
21 •    insert into PUBLISHER values(2, 'EEE', 'NSW', 'USA' );
22 •    insert into PUBLISHER values(3, 'PHI', 'DELHI', 'INDIA');
23 •    insert into PUBLISHER values(4, 'WILLEY', 'BERLIN', 'GERMANY' );
24 •    insert into PUBLISHER values(5, 'MGH', 'NEW YORK', 'USA');
25 •    select * from PUBLISHER;
26
27 •    insert into CATEGORY values( 1001, 'COMPUTER SCIENCE' );
28 •    insert into CATEGORY values( 1002, 'ALGORITHM DESIGN');
29 •    insert into CATEGORY values( 1003, 'ELECTRONICS');
30 •    insert into CATEGORY values( 1004, 'PROGRAMMING');
31 •    insert into CATEGORY values( 1005, 'OPERATING SYSTEMS');
```

Result Grid | Filter Rows: | Edit: | Export/Import: | Wrap Cell Content:

Publisher_ID	Name	City	Country
1	PEARSON	NEW YORK	USA
2	EEE	NSW	USA
3	PHI	DELHI	INDIA
4	WILLEY	BERLIN	GERMANY
5	MGH	NEW YORK	USA
NULL	NULL	NULL	NULL

PUBLISHER 2

```sql
27 ●    insert into CATEGORY values( 1001, 'COMPUTER SCIENCE' );
28 ●    insert into CATEGORY values( 1002, 'ALGORITHM DESIGN');
29 ●    insert into CATEGORY values( 1003, 'ELECTRONICS');
30 ●    insert into CATEGORY values( 1004, 'PROGRAMMING');
31 ●    insert into CATEGORY values( 1005, 'OPERATING SYSTEMS');
32 ●    select * from CATEGORY;
33
34 ●    insert into CATALOG values(11, 'UNIX SYSTEM PRG', 1001, 1, 1001, 2000, 251);
35 ●    insert into CATALOG values(12, 'DIGITAL SIGNALS', 1002, 2, 1003, 2001, 425);
36 ●    insert into CATALOG values(13, 'LOGIC DESIGN', 1003, 3, 1002, 1999, 225);
37 ●    insert into CATALOG values(14, 'SERVER PRG', 1004, 4, 1004, 2001, 333);
```

Result Grid | Filter Rows: | Edit: | Export/Import: | Wrap Cell Content: | Result Grid | Form Editor

Category_ID	Description
1001	COMPUTER SCIENCE
1002	ALGORITHM DESIGN
1003	ELECTRONICS
1004	PROGRAMMING
1005	OPERATING SYSTEMS
NULL	NULL

CATEGORY 3 ✕

Apply   Revert

```sql
34 ●    insert into CATALOG values(11, 'UNIX SYSTEM PRG', 1001, 1, 1001, 2000, 251);
35 ●    insert into CATALOG values(12, 'DIGITAL SIGNALS', 1002, 2, 1003, 2001, 425);
36 ●    insert into CATALOG values(13, 'LOGIC DESIGN', 1003, 3, 1002, 1999, 225);
37 ●    insert into CATALOG values(14, 'SERVER PRG', 1004, 4, 1004, 2001, 333);
38 ●    insert into CATALOG values(15, 'LINUX OS', 1005, 5, 1005, 2003, 326);
39 ●    insert into CATALOG values(16, 'C++ BIBLE', 1005, 5, 1001, 2000, 526);
40 ●    insert into CATALOG values(17, 'COBOL HANDBOOK', 1005, 4, 1001, 2000, 658);
41 ●    select * from CATALOG;
42
43 ●    insert into ORDERDETAILS values(1, 11, 5);
44 ●    insert into ORDERDETAILS values(2, 12, 8);
45 ●    insert into ORDERDETAILS values(3, 13, 15);
46 ●    insert into ORDERDETAILS values(4, 14, 22);
47 ●    insert into ORDERDETAILS values(5, 15, 3);
```

Result Grid | Filter Rows: | Export: | Wrap Cell Content:

Book_ID	Title	Author_ID	Publisher_ID	Category_ID	Year	Price
11	UNIX SYSTEM PRG	1001	1	1001	2000	251
12	DIGITAL SIGNALS	1002	2	1003	2001	425
13	LOGIC DESIGN	1003	3	1002	1999	248
14	SERVER PRG	1004	4	1004	2001	333
15	LINUX OS	1005	5	1005	2003	326
16	C++ BIBLE	1005	5	1001	2000	526
17	COBOL HANDBOOK	1005	4	1001	2000	658

CATALOG 4 ✕

```
41 •    select * from CATALOG;

42

43 •    insert into ORDERDETAILS values(1, 11, 5);
44 •    insert into ORDERDETAILS values(2, 12, 8);
45 •    insert into ORDERDETAILS values(3, 13, 15);
46 •    insert into ORDERDETAILS values(4, 14, 22);
47 •    insert into ORDERDETAILS values(5, 15, 3);
48 •    insert into ORDERDETAILS values(2, 17, 10);
49 •    select * from ORDERDETAILS;
50 •    commit;

51
```

Result Grid | Filter Rows: | Edit: | Export/Import: | Wrap Cell Content:

Order_No	Book_ID	Quantity
1	11	5
2	12	8
2	17	10
3	13	15
4	14	22
5	15	3
NULL	NULL	NULL

ORDERDETAILS 5 ×

```
52 •    select A.Name,C.Title,C.Price from AUTHOR A,CATALOG C where C.Author_ID=A.Author_ID and C.Year>=2000 a
53      A.Name=(select A.Name from AUTHOR A,CATALOG C where A.Author_ID=C.Author_ID group by C.Author_ID havin
```

Result Grid | Filter Rows: | Export: | Wrap Cell Content: 🔲

Name	Title	Price
WILLIAM STALLINGS	LINUX OS	326
WILLIAM STALLINGS	C++ BIBLE	526
WILLIAM STALLINGS	COBOL HANDBOOK	658

```sql
54
55 • select A.Name from AUTHOR A, CATALOG C, ORDERDETAILS O where O.Book_ID=C.Book_ID and A.Author_ID=C.Author_ID
56    and O.Book_ID=(select Book_ID from ORDERDETAILS where quantity=(select max(quantity) from ORDERDETAILS));
```

Result Grid | Filter Rows: [   ] | Export: | Wrap Cell Content: $\overline{\underline{I}A}$

Name
KARTHIK B P

Result Grid

Form Editor

```
56        and O.Book_ID=(select Book_ID from ORDERDETAILS where quantity=(select max(quantity) from ORDERDETAILS));

57

58  ●   update CATALOG set price=price+(10*price/100)  where Publisher_ID=3 ;

59  ●   select * from CATALOG;
```

| Result Grid | Filter Rows: | | Export: | Wrap Cell Content: |

	Book_ID	Title	Author_ID	Publisher_ID	Category_ID	Year	Price
▶	11	UNIX SYSTEM PRG	1001	1	1001	2000	251
	12	DIGITAL SIGNALS	1002	2	1003	2001	425
	13	LOGIC DESIGN	1003	3	1002	1999	273
	14	SERVER PRG	1004	4	1004	2001	333
	15	LINUX OS	1005	5	1005	2003	326
	16	C++ BIBLE	1005	5	1001	2000	526
	17	COBOL HANDBOOK	1005	4	1001	2000	658

CATALOG 8 ✕

Read Onl