



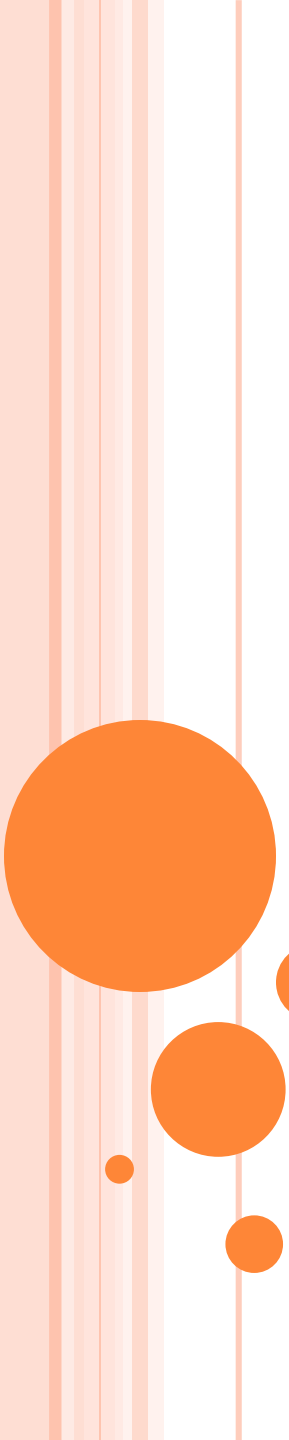
数据库系统

Database System

主讲：张仲楠 教授

Email: zhongnan_zhang@xmu.edu.cn

Office: 海韵A416



实验三

SQL综合练习

四张表

- √ 普通表 (4)
 - > books
 - > customers
 - > pricing
 - > purchases

四张表的定义和具体内容参照实验2. ppt

增加数据

- 右键单击表Books
- 左键单击“编辑数据”



增加数据

增加一条元组

(110, 'Fundamentals of Database Systems', 'Ramez Elmasri', 2011, 'textbook')



包含搜索内容 请输入搜索内容				
	bookid	title	author	year
1	101	Introduction to Databases	David Maier	1981
2	102	Database System Concepts	Abraham Silberschatz	2004
3	103	Principles of Database and Knowledge-Base Systems	Jeffrey Ullman	1997
4	104	First Course in Database Systems	Jeffrey Ullman	2008
5	105	Promises to Keep: On Life and Politics	Joseph Biden	2008
6	106	Change We Can Believe In: Barack Obama's Plan to Renew America's Promise	Barack Obama	2008
7	107	Blindness	Jose Saramago	1999
8	108	The Gospel According to Jesus Christ	Jose Saramago	1994
9	109	Sauces: Classical and Contemporary Sauce Making	James Peterson	2008

	bookid	title	author	year
1	110	Fundamentals of Database Systems	Ramez Elmasri	2011
2	101	Introduction to Databases	David Maier	1981

增加数据

○ 保存更改



包含搜索内容 请输入搜索内容				
	bookid	title	author	year
1	110	Fundamentals of Database Systems	Ramez Elmasri	2011
2	101	Introduction to Databases	David Maier	1981
3	102	Database System Concepts	Abraham Silberschatz	2004
4	103	Principles of Database and Knowledge-Base Systems	Jeffrey Ullman	1997
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7	106	Change We Can Believe In: Barack Obama's Plan to Renew America's Promise	Barack Obama	2008
8	107	Blindness	Jose Saramago	1999
9	108	The Gospel According to Jesus Christ	Jose Saramago	1994
10	109	Sauces: Classical and Contemporary Sauce Making	James Peterson	2008

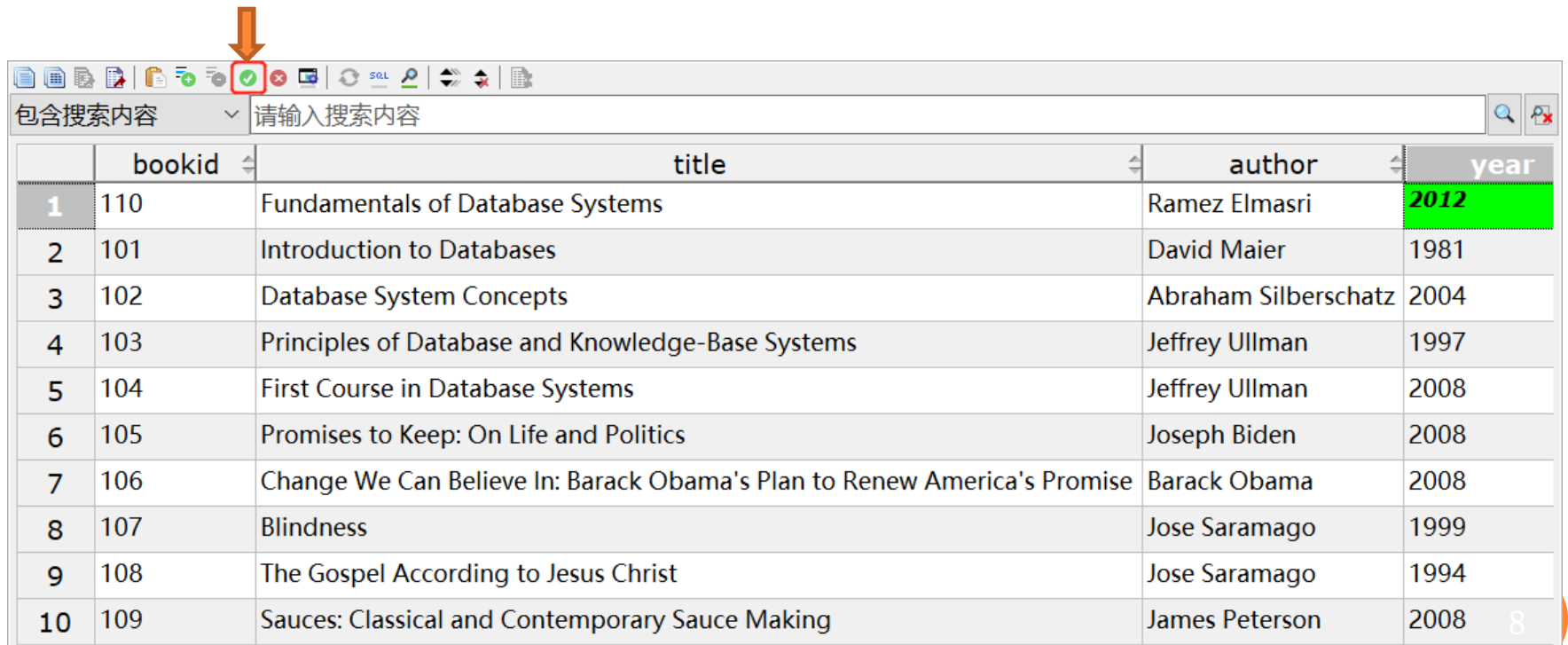
增加数据

○ 保存成功

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	bookid	title	author	year
1	110	Fundamentals of Database Systems	Ramez Elmasri	2011
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8	107	Blindness	Jose Saramago	1999
9	108	The Gospel According to Jesus Christ	Jose Saramago	1994
10	109	Sauces: Classical and Contemporary Sauce Making	James Peterson	2008

修改数据

- 将bookid为110的元组属性year的值改为2012
- 保存更改

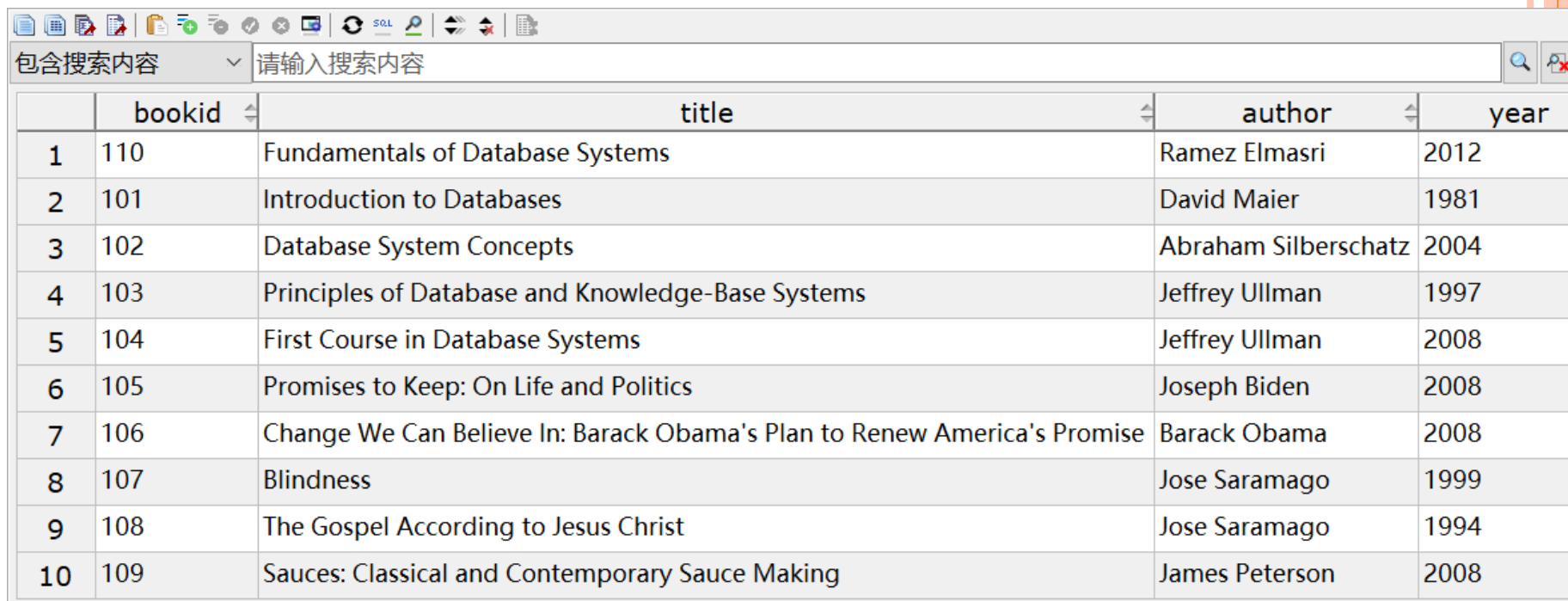


The screenshot shows a database application window with a toolbar at the top. An orange arrow points to the 'Save' icon (a green checkmark inside a circle) in the toolbar. Below the toolbar is a search bar with the text '包含搜索内容' and a placeholder '请输入搜索内容'. The main area displays a table with the following data:

	bookid	title	author	year
1	110	Fundamentals of Database Systems	Ramez Elmasri	2012
2	101	Introduction to Databases	David Maier	1981
3	102	Database System Concepts	Abraham Silberschatz	2004
4	103	Principles of Database and Knowledge-Base Systems	Jeffrey Ullman	1997
5	104	First Course in Database Systems	Jeffrey Ullman	2008
6	105	Promises to Keep: On Life and Politics	Joseph Biden	2008
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8	107	Blindness	Jose Saramago	1999
9	108	The Gospel According to Jesus Christ	Jose Saramago	1994
10	109	Sauces: Classical and Contemporary Sauce Making	James Peterson	2008

修改数据

○ 保存成功

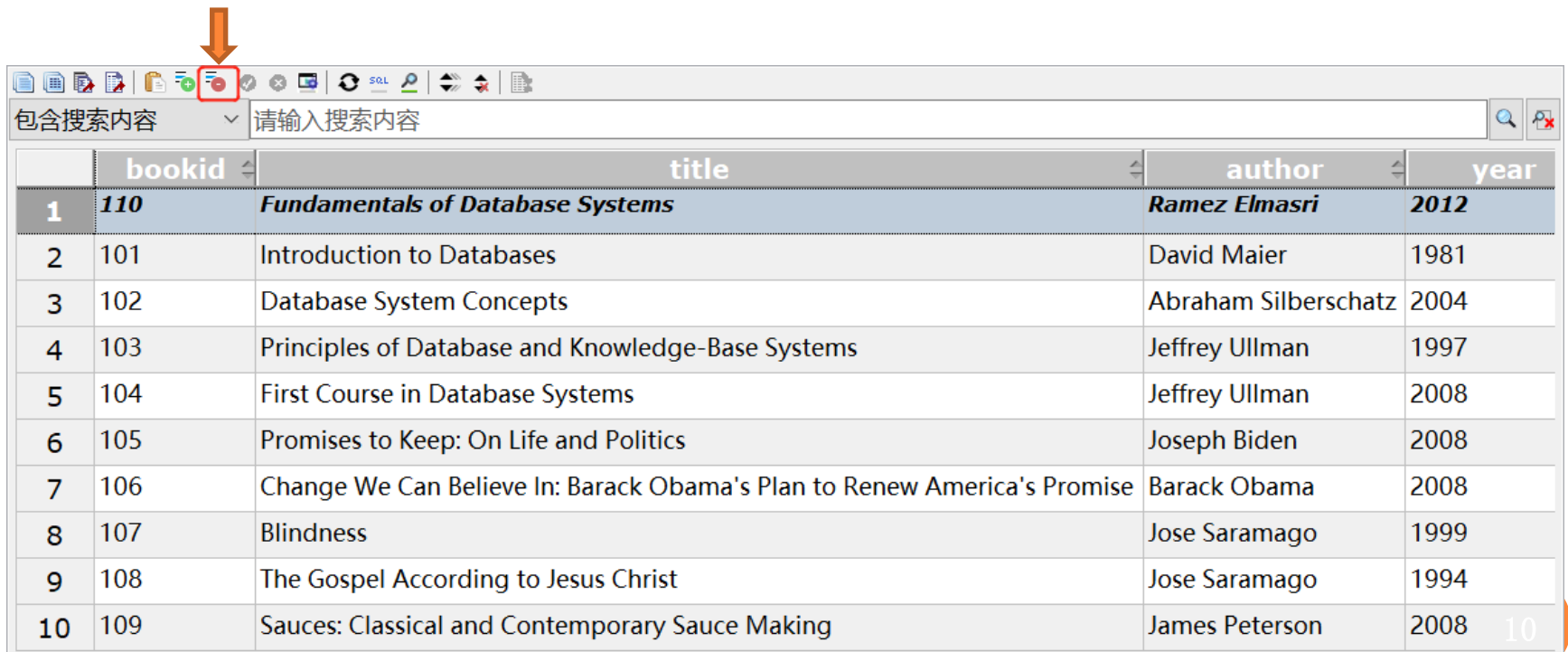


The screenshot shows a database application window with a toolbar at the top containing icons for file operations, database management, and search. Below the toolbar is a search bar with the placeholder text "请输入搜索内容" (Please enter search content). The main area displays a table with 10 rows of book data. The table has five columns: an index column, bookid, title, author, and year. The data is as follows:

	bookid	title	author	year
1	110	Fundamentals of Database Systems	Ramez Elmasri	2012
2	101	Introduction to Databases	David Maier	1981
3	102	Database System Concepts	Abraham Silberschatz	2004
4	103	Principles of Database and Knowledge-Base Systems	Jeffrey Ullman	1997
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删除数据

- 点击行号，选中要删除的行（bookid=110）
- 点击“删除”

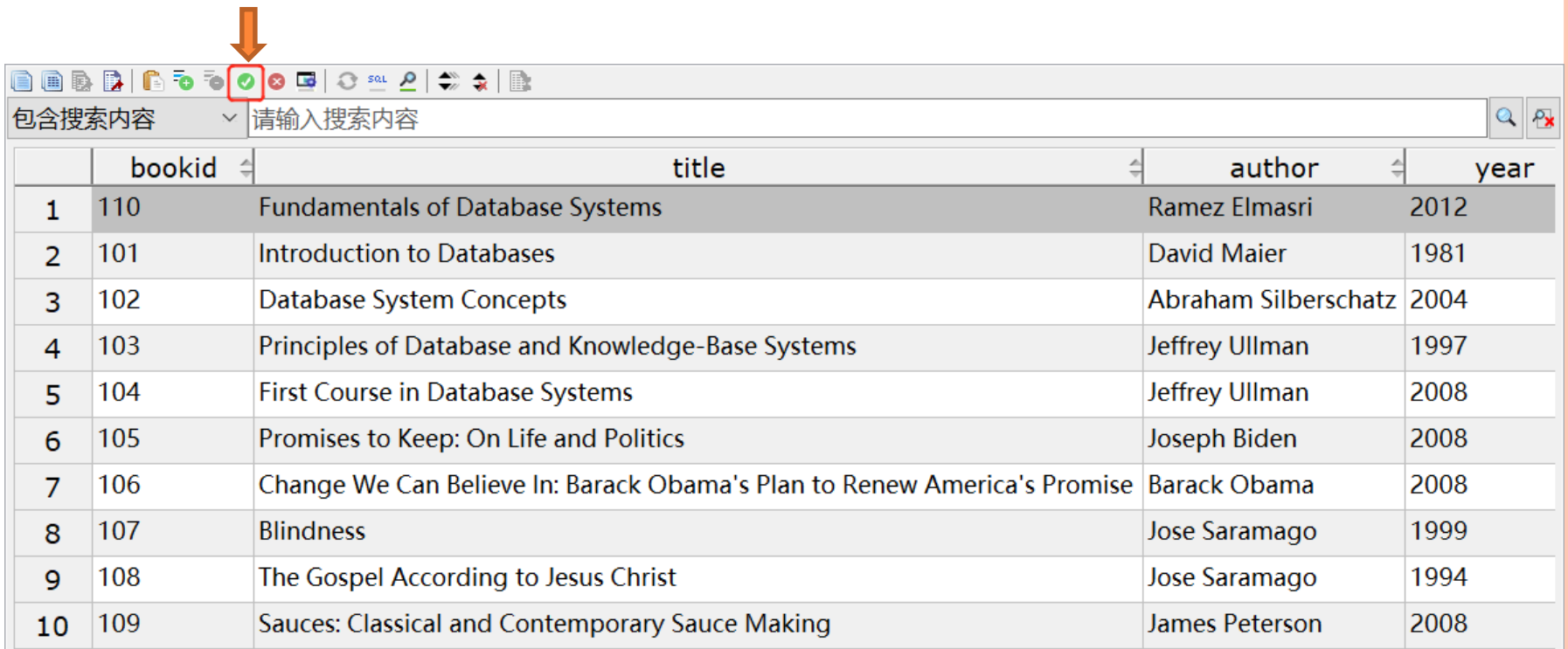


The screenshot shows a database application window. At the top, there is a toolbar with various icons, including a red circle with a minus sign, which is highlighted by an orange arrow. Below the toolbar is a search bar with the text '包含搜索内容' and '请输入搜索内容'. The main area displays a table with the following columns: bookid, title, author, and year. The table contains 10 rows of data. The first row, with bookid 110, is highlighted in blue. The table is as follows:

	bookid	title	author	year
1	110	<i>Fundamentals of Database Systems</i>	<i>Ramez Elmasri</i>	2012
2	101	Introduction to Databases	David Maier	1981
3	102	Database System Concepts	Abraham Silberschatz	2004
4	103	Principles of Database and Knowledge-Base Systems	Jeffrey Ullman	1997
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9	108	The Gospel According to Jesus Christ	Jose Saramago	1994
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删除数据

○ 保存更改



	bookid	title	author	year
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2	101	Introduction to Databases	David Maier	1981
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9	108	The Gospel According to Jesus Christ	Jose Saramago	1994
10	109	Sauces: Classical and Contemporary Sauce Making	James Peterson	2008

删除数据

○ 完成删除

包含搜索内容 请输入搜索内容				
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9	109	Sauces: Classical and Contemporary Sauce Making	James Peterson	2008

练习

- 本次实验完成“实验3. doc”中的所列的任务
- 所有任务要按照给定的顺序完成

作业提交须知

- 需提交的文件包括：

实验3报告.doc（包含sql代码文本和运行结果截图）

```
select sname, cno, grade
from student, sc
where student.sno=sc.sno;
```

← 文本

	sname	cno	grade
1	李勇	1	92
2	李勇	2	85
3	李勇	3	88
4	刘晨	2	90
5	刘晨	3	80

← 截图

- 在课程中心(course.xmu.edu.cn)提交实验报告
- 截止时间：2023-04-14 23:59:59 ← 系统时间

作业提交须知

○ 迟交作业

```
update sc
set grade=0
where sno='2432018220xxxx'
      and grade is null
      and miss_deadline = 1;
```

○ 抄袭作业

```
update sc
set grade=0
where sno='2432018220xxxx'
      and grade is null
      and plagiarize = 1;
```

