Tn []•	Connected to Python 3.11.2
111 [] 1	<pre>import sqlite3 connection = sqlite3.connect('books.db')</pre>
	<pre>import pandas as pd #pd.options.display.max_colums = 10 pd.read_sql('SELECT * FROM authors', connection,</pre>
Out[]:	<pre>index_col=['id'])</pre>
	1 Paul Deitel
	2 Harvey Deitel3 Abbey Deitel
	4 Dan Quirk 5 Alexander Wald
In []: Out[]:	
	0 0135404673 Intro to Python for CS and DS 1 2020 1 0132151006 Internet & WWW How to Program 5 2012
	2 0134743350 Java How to Program 11 2018 3 0133976890 C How to Program 8 2016
	4 0133406954 Visual Basic 2012 How to Program 6 2014 5 0134601548 Visual C# How to Program 6 2017
	6 0136151574 Visual C++ How to Program 2 2008 7 0134448235 C++ How to Program 10 2017
	8 0134444302 Android How to Program 3 2017 9 0134289366 Android 6 for Programmers 3 2016
In []:	<pre>df = pd.read_sql('SELECT * FROM author_ISBN', connection) df.head()</pre>
Out[]:	id isbn 0 1 0134289366
	 1 2 0134289366 2 5 0134289366
	 3 1 0135404673 4 2 0135404673
In []:	FROM titles
Out[]:	
	 Intro to Python for CS and DS 1 2020 Java How to Program 11 2018
	 Visual C# How to Program 6 2017 C++ How to Program 10 2017 Android How to Program 3 2017
In []:	pd.read_sql("""SELECT id, first, last
	FROM authors WHERE last LIKE 'D%'""", connection, index_col=['id'])
Out[]:	<u>id</u>
	 1 Paul Deitel 2 Harvey Deitel 3 Abbey Deitel
In []:	pd.read_sql('SELECT title FROM titles ORDER BY title ASC',
Out[]:	
	 Android 6 for Programmers Android How to Program C How to Program
	2 C How to Program 3 C++ How to Program 4 Internet & WWW How to Program
	 Internet & WWW How to Program Intro to Python for CS and DS Java How to Program
	7 Visual Basic 2012 How to Program 8 Visual C# How to Program
_	9 Visual C++ How to Program
In []:	<pre>pd.read_sql("""SELECT id, first, last</pre>
Out[]:	first last
	3 Abbey Deitel 2 Harvey Deitel
	1 Paul Deitel4 Dan Quirk
	5 Alexander Wald
In []:	pd.read_sql("""SELECT id, first, last FROM authors ORDER BY last DESC, first ASC""", connection, index_col=['id'])
Out[]:	first last
	5 Alexander Wald 4 Dan Quirk
	3 Abbey Deitel
	2 Harvey Deitel
In []:	1 Paul Deitel
In []:	
In []: Out[]:	1 Paul Deitel pd.read_sql("""SELECT isbn, title, edition, copyright FROM titles WHERE title LIKE '%How to Program' ORDER BY title""", connection)
	1 Paul Deitel pd.read_sql("""SELECT isbn, title, edition, copyright FROM titles WHERE title LIKE '%How to Program' ORDER BY title""", connection) isbn title edition copyright 0 0134444302 Android How to Program 3 2017 1 0133976890 C How to Program 8 2016 2 0134448235 C++ How to Program 10 2017
	1 Paul Deitel pd.read_sql("""SELECT isbn, title, edition, copyright FROM titles WHERE title LIKE '%How to Program' ORDER BY title""", connection) 1 0134444302 Android How to Program 3 2017 1 0133976890 C How to Program 8 2016 2 0134448235 C++ How to Program 10 2017 3 0132151006 Internet & WWW How to Program 5 2012 4 0134743350 Java How to Program 11 2018
	Paul Deite Pd. read_sql("""SELECT isbn, title, edition, copyright FROM titles WHERE title LIKE '%How to Program' ORDER BY title"", connection)
	Paul Deite
Out[]:	Paul Deite
Out[]:	pd.read_sql("""SELECT isbn, title, edition, copyright FROM titles WHERE title LIKE "SHow to Program" ORDER BY title""", connection) isbn title edition copyright 0 0134444302 Android How to Program 3 2017 1 0133976890 C How to Program 8 2016 2 0134448235 C+How to Program 10 2017 3 0132161006 Internet & WWW How to Program 5 2012 4 0134743350 Java How to Program 11 2018 5 0133406954 Visual Basic 2012 How to Program 6 2014 6 0134601548 Visual C# How to Program 6 2017 7 0136151574 Visual C+How to Program 2 2008 pd.read_sql(""" SELECT first, last, isbn FROM authors INNER JOIN author_ISBN
Out[]:	1
Out[]:	Paul Deite Dd. read_sql("""SELECT isbn, title, edition, copyright FROM titles WHERE title LIKE "SHOw to Program" ODER BY LITE UT!", connection) Sibn Stile Edition Copyright
Out[]: Out[]:	pd. read_sql("""SELECT isbn, title, edition, copyright FROW titles F
Out[]: Out[]:	Paul Dete
Out[]: Out[]:	Paul Dete
Out[]: Out[]:	Penul Delied
Out[]: Out[]:	Paul Detail
Out[]: Out[]:	Pair Point Point
Out[]: Out[]:	### PAIL TRAVE ### PAIL TRAVE
Out[]: Out[]:	### Paul Date pth.com_eq. ("mmgh Fet Lists, Fifth, Cotilion, Organger Interface Lists It for "miss or Process"
Out[]: Out[]: In []:	### Paul Date pth.com_eq. ("mmgh Fet Lists, Fifth, Cotilion, Organger Interface Lists It for "miss or Process"
Out[]: Out[]: In []:	### Treat_call ***********************************
Out[]: Out[]: In []:	Mary Cold Paul Cold
Out[]: Out[]: In []:	Peut Deser
Out[]: Out[]: Out[]:	Internal of part internal content of the company of the content
Out[]: Out[]: Out[]:	Part
Out[]: Out[]: Out[]:	
Out[]: Out[]: Out[]:	Para
Out[]: Out[]: Out[]:	Part
Out[]: Out[]: Out[]: Out[]:	State Stat
Out[]: Out[]: Out[]: Out[]:	Total claim
Out[]: Out[]: Out[]: Out[]:	State Designed State S
Out[]: In []: Out[]: Out[]: In []:	Part
Out[]: Out[]: Out[]: Out[]: Out[]:	
Out[]: Out[]: Out[]: Out[]: In []:	Property
Out[]: Out[]: Out[]: In []: Out[]:	1. 1. 1. 1. 1. 1. 1. 1.
<pre>Out[]: In []: Out[]: Out[]: Out[]:</pre>	1.