Day 15 - Database Connection, Basic SQL

+ Options

id	firstname	lastname	age	date_time
1	Idell	O'Ferris	1	0000-00-00
2	Anthiathia	Maguire	2	0000-00-00
3	Ricki	Semper	3	0000-00-00
4	Kippie	Gulland	4	0000-00-00
6	Sigismondo	Dunnet	6	0000-00-00
7	Brook	Rucklidge	7	0000-00-00
8	Elroy	Puckham	8	0000-00-00
9	Jenny	Turbill	9	0000-00-00
10	Inga	Martinec	10	0000-00-00
11	Aloysia	Crassweller	11	0000-00-00
12	Guillemette	Aldwich	12	0000-00-00
13	Keith	Lowman	13	0000-00-00
14	Gilberta	Oakenford	14	0000-00-00
15	Raye	Dibson	15	0000-00-00
16	Cyndi	Tremberth	16	0000-00-00
17	Minda	Osmon	17	0000-00-00
18	Annecorinne	Craythorn	18	0000-00-00
		Wandrack	19	0000-00-00

■ Console

ISBN	Title	Price	date_time
30717414	Structural Analysis Engineer	84	2022-05-14
92567750	Senior Cost Accountant	29	2022-05-14
73057994	Environmental Specialist	71	2022-05-15
95829354	Food Chemist	48	2022-05-16
9355003	Tax Accountant	39	2022-05-17
16069762	Librarian	32	2022-05-17
47798772	Mechanical Systems Engineer	43	2022-05-18
9597509	VP Sales	66	2022-05-19

+ Options

ISBN	id	Price	volumes	date
Chief Design Engineer	1	93	301	2022-05-14
Actuary	2	61	177	2022-05-14
Automation Specialist I	3	62	291	2022-05-15
Software Engineer IV	4	96	291	2022-05-15
Assistant Media Planner	5	31	343	2022-05-15
Administrative Officer	6	90	496	2022-05-15
Office Assistant III	7	97	401	2022-05-15
Office Assistant I	8	63	354	2022-05-15
Registered Nurse	9	68	429	2022-05-15
Compensation Analyst	10	78	253	2022-05-15

+ Options

id	firstname	lastname	age	date_time	address
NULL	Leslie	Ellis	24	NULL	NULL
NULL	Sandra	Hoffman	35	NULL	NULL
NULL	Cameron	Meyer	19	NULL	NULL
NULL	Cameron	Moore	27	NULL	NULL
NULL	Noah	Armstrong	34	NULL	NULL

+ Options

ISBN	Title	Price	date_time
2147483647	The Marquis and I	250	NULL
2147483647	Blood on the Tongue	352	NULL
2147483647	A Higher Loyalty	157	NULL
2147483647	The Mars Room	199	NULL
2147483647	His Toy	289	NULL
2147483647	The Marquis and I	250	NULL
2147483647	Blood on the Tongue	352	NULL
2147483647	A Higher Loyalty	157	NULL
2147483647	The Mars Room	199	NULL
2147483647	His Toy	289	NULL
9783598215933	The Marquis and I	250	NULL
9783598215957	Blood on the Tongue	352	NULL
9783598215995	A Higher Loyalty	157	NULL
9783598215919	The Mars Room	199	NULL
9783598215766	His Toy	289	NULL

☐ Profiling [Edit inline] [Edit] [Explain SQL] [Create PHP code]
[Refresh]

| 1 ✔ | > | >> | Number of rows: | 500 ✔ | Filter rows: | Sea |

+ Options

id	firstname	lastname	age	date_time
1	Idell	O'Ferris	1	0000-00-00
2	Anthiathia	Maguire	2	0000-00-00
3	Ricki	Semper	3	0000-00-00
4	Kippie	Gulland	4	0000-00-00
5	Curcio	Britian	5	0000-00-00
6	Sigismondo	Dunnet	6	0000-00-00
7	Brook	Rucklidge	7	0000-00-00
8	Elroy	Puckham	8	0000-00-00
9	Jenny	Turbill	9	0000-00-00
		Martinec	10	0000-00-00

■ Console

Showing rows 0 - 499 (1004 total, Query took 0.0010 seconds.)

SELECT * FROM `employee`

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1 ✓   >   >> | Number of rows: 500 ✓

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id	firstname	lastname	age	date_time
1	Idell	O'Ferris	1	0000-00-00
2	Anthiathia	Maguire	2	0000-00-00
3	Ricki	Semper	3	0000-00-00
4	Kippie	Gulland	4	0000-00-00
6	Sigismondo	Dunnet	6	0000-00-00
7	Brook	Rucklidge	7	0000-00-00
8	Elroy	Puckham	8	0000-00-00
9	Jenny	Turbill	9	0000-00-00
10	Inga	Martinec	10	0000-00-00
11	Aloysia	Crassweller	11	0000-00-00
12	Guillemette	Aldwich	12	0000-00-00
		Lowman	13	0000-00-00

■ Console

SELECT * FROM `employee`

☐ Profiling [Edit inline] [Edit] [Explain SQL] [Create PHP code] [Refres

1 ✓   >   >> | Number of rows: 500 ✓

+ Options

id	firstname	lastname	age	date_time	address
1	Idell	O'Ferris	1	0000-00-00	kk
2	Anthiathia	Maguire	2	0000-00-00	NULL
3	Ricki	Semper	3	0000-00-00	123456
4	Kippie	Gulland	4	0000-00-00	NULL
6	Sigismondo	Dunnet	6	0000-00-00	NULL
7	Brook	Rucklidge	7	0000-00-00	NULL
8	Elroy	Puckham	8	0000-00-00	NULL
9	Jenny	Turbill	9	0000-00-00	NULL
10	Inga	Martinec	10	0000-00-00	NULL
11	Aloysia	Crassweller	11	0000-00-00	NULL
12	Guillemette	Aldwich	12	0000-00-00	NULL
		Lowman	13	0000-00-00	NULL

■ Console

```
select count(id) from employee;
```

☐ Profiling [Edit inline] [Edit] [Explain SQL] [Create PHP code]

[Refresh]

☐ Show all | Number of rows: 25 ⌄

+ Options

count(id)

999

☐ Show all | Number of rows: 25 ⌄

Query results operations

🖨 Print   ⮂ Copy to clipboard   📇 Export

📊 Display chart   📋 Create view

☐ Show all | Number of rows: 25 ⌄

+ Options

id	firstname	lastname	age	date_time	address
1	Idell	O'Ferris	1	0000-00-00	kk
2	Anthiathia	Maguire	2	0000-00-00	NULL
3	Ricki	Semper	3	0000-00-00	123456
4	Kippie	Gulland	4	0000-00-00	NULL
6	Sigismondo	Dunnet	6	0000-00-00	NULL
7	Brook	Rucklidge	7	0000-00-00	NULL
8	Elroy	Puckham	8	0000-00-00	NULL
9	Jenny	Turbill	9	0000-00-00	NULL
10	Inga	Martinec	10	0000-00-00	NULL
11	Aloysia	Crassweller	11	0000-00-00	NULL
12	Guillemette	Aldwich	12	0000-00-00	NULL
13	Keith	Lowman	13	0000-00-00	NULL
14	Gilberta	Oakenford	14	0000-00-00	NULL
15	Raye	Dibson	15	0000-00-00	NULL
16	Cyndi	Tremberth	16	0000-00-00	NULL
17	Minda	Osmon	17	0000-00-00	NULL
18	Annecorinne	Craythorn	18	0000-00-00	NULL
19	Hector	Wandrack	19	0000-00-00	NULL
NULL	Cameron	Meyer	19	NULL	NULL

+ Options

firstname	age
Idell	1
Anthiathia	2
Ricki	3
Kippie	4
Sigismondo	6
Brook	7
Elroy	8
Jenny	9
Inga	10
Aloysia	11
Guillemette	12
Keith	13
Gilberta	14
Raye	15
Cyndi	16
Minda	17
Annecorinne	18
Hector	19
Gretchen	20
Diana	21
■ Console	22

```sql
select * from employee where firstname in ('Noah');
```

☐ Profiling [Edit inline] [Edit] [Explain SQL] [Create PHP code] [Refresh]

☐ Show all | Number of rows: 25 ✓

+ Options

id	firstname	lastname	age	date_time	address
NULL	Noah	Armstrong	34	NULL	NULL

☐ Show all | Number of rows: 25 ✓

Query results operations

≡

986	Addie	Oertzen	986	0000-00-00	NULL
987	Cris	Tunnicliffe	987	0000-00-00	NULL
988	Piggy	Odhams	988	0000-00-00	NULL
989	Renate	Renshall	989	0000-00-00	NULL
990	Jan	Trail	990	0000-00-00	NULL
991	Sanford	Quye	991	0000-00-00	NULL
992	Betta	Mallender	992	0000-00-00	NULL
993	Hailee	Morrad	993	0000-00-00	NULL
994	Selie	Duffy	994	0000-00-00	NULL
995	Kerwin	Barrs	995	0000-00-00	NULL
996	Tootsie	Dorrity	996	0000-00-00	NULL
997	Marice	Crutcher	997	0000-00-00	NULL
998	Welby	Razoux	998	0000-00-00	NULL
999	Revkah	Tripean	999	0000-00-00	NULL
1000	Teddy	Harrow	1000	0000-00-00	NULL
NULL	Neil	Armstrong	34	NULL	NULL

<< < 2 ✓ > >> | Number of rows: 500 ✓

Run SQL query/queries on table book_shop.book: ⊚

```
1  SELECT * FROM book
2      WHERE Title LIKE '%Mar%'
```

☐ Show all | Number of rows: 25 ∨

+ Options

ISBN	Title	Price
47169314	VP Marketing	76
2555829	Marketing Manager	33
45748454	Marketing Assistant	92
57995517	Marketing Assistant	47
38624877	VP Marketing	69
87340322	Marketing Assistant	65
85410296	Marketing Assistant	40
84886201	Marketing Assistant	26
1629384	Marketing Manager	33
84036321	Marketing Manager	26
73318228	Marketing Assistant	20
88603914	Marketing Manager	75
32849721	VP Marketing	39
42190253	Marketing Manager	60
60685795	Marketing Assistant	85
75336276	Marketing Assistant	43
1302118	Marketing Assistant	62
36930018	Marketing Manager	87
60152405	Marketing Assistant	30
■ Console	The Marquis and I	250

```
1 SELECT * FROM book
2     WHERE Title LIKE '%o%'
3
```

+ Options

ISBN	Title	Price
92567750	Senior Cost Accountant	29
73057994	Environmental Specialist	71

```
 1 insert into saleitems (ISBN, id, Price, volumes, `date`) values
 2 ('admin',1001, 550, 550, 2022-05-14),
 3 ('admin2',1002,550, 780, 2022-05-15),
 4 ('admin3',1003,550, 440, 2022-05-16),
 5 ('admin4',1004,550, 556, 2022-05-17),
 6 ('admin5',1005,550, 770, 2022-05-18),
 7
 8 ('admin6',1006,550, 487, 2022-05-19),
 9 ('admin7',1007,550, 124, 2022-05-20),
10 ('admin8',1008,550, 634, 2022-05-21),
11 ('admin9',1009,550, 897, 2022-05-22),
12 ('admin10',1010,550, 135, 2022-05-23);
```

ISBN	id	Price	volumes	date
admin	1001	550	550	0000-00-00
admin2	1002	550	780	0000-00-00
admin3	1003	550	440	0000-00-00
admin4	1004	550	556	0000-00-00
admin5	1005	550	770	0000-00-00
admin6	1006	550	487	0000-00-00
admin7	1007	550	124	0000-00-00
admin8	1008	550	634	0000-00-00
admin9	1009	550	897	0000-00-00
admin10	1010	550	135	0000-00-00

`<<` `<` 41 ✓ | Number of rows: 25 ✓ Filt

```
SELECT SUM(volumes) FROM saleitems;
```

☐ Profiling [Edit inline] [Edit] [Explain SQL] [(

☐ Show all | Number of rows: 25 ✓

- Options

SUM(volumes)
315256

```
SELECT ISBN FROM saleitems WHERE volumes > 0;
```

☐ Profiling [Edit inline] [Edit] [Explain SQL] [Create PHP code] [Refresh]

| 1 ▾ | > | >> | Number of rows: | 25 ▾ | Filter rows: | Search this tab |

Options

ISBN

Chief Design Engineer

Actuary

Automation Specialist I

Software Engineer IV

Assistant Media Planner

Administrative Officer

Office Assistant III

Office Assistant I

Registered Nurse

Compensation Analyst

Safety Technician II

Speech Pathologist

Developer I

Statistician II

```
SELECT SUM(Price) FROM saleitems;
```

☐ Profiling [Edit inline] [Edit] [Explain SQL] [Create

☐ Show all | Number of rows: 25 ▾ | Fi

Options

SUM(Price)

65524