

Branch table

1

CREATE TABLE Branch(branchNo int NOT NULL,street varchar(255),city varchar(255),postcode int,PRIMARY KEY(branchNo));

Showing rows 0 - 5 (6 total, Query took 0.0002 seconds.)

SELECT * FROM branch;

Profiling

Edit inline

Edit

Explain SQL

Create PHP code

Refresh

Show all

Number of rows: 25

Filter rows: Search this table

Sort by key: None

Extra options

	branchNo	street	city	postcode
<div><div></div><div>Edit</div><div>Copy</div><div>Delete</div></div>	100	Second street	London	678098
<div><div></div><div>Edit</div><div>Copy</div><div>Delete</div></div>	101	Last street	Bristol	798098
<div><div></div><div>Edit</div><div>Copy</div><div>Delete</div></div>	102	First street	London	678099
<div><div></div><div>Edit</div><div>Copy</div><div>Delete</div></div>	103	Town street	Manchester	248098
<div><div></div><div>Edit</div><div>Copy</div><div>Delete</div></div>	104	Third street	Liverpool	674698
<div><div></div><div>Edit</div><div>Copy</div><div>Delete</div></div>	106	163 Main street	London	679809

Staff table

MySQL returned an empty result set (i.e. zero rows). (Query took 0.0003 seconds.)

CREATE TABLE staff(staffNo int NOT NULL,fname varchar(255),lname varchar(255),postion varchar(255),sex varchar(255),DOB date,salary int,branchNo int,PRIMARY KEY(staffNo),FOREIGN KEY(branchNo)REFERENCES branch(branchNo));

Edit inline

Edit

Create PHP code

Showing rows 0 - 4 (5 total, Query took 0.0002 seconds.)

SELECT * FROM staff;

Profiling

Edit inline

Edit

Explain SQL

Create PHP code

Refresh

Show all

Number of rows: 25

Filter rows: Search this table

Sort by key: None

Extra options

	staffNo	fname	lname	postion	sex	DOB	salary	branchNo
<div><div></div><div>Edit</div><div>Copy</div><div>Delete</div></div>	1001	Jhone	Jose	Manager	Male	1973-09-19	250000	100
<div><div></div><div>Edit</div><div>Copy</div><div>Delete</div></div>	1011	Amit	Kumar	Clerk	Male	1970-09-24	50000	100
<div><div></div><div>Edit</div><div>Copy</div><div>Delete</div></div>	1041	Joseph	Jose	Accountant	Male	1993-06-10	200000	103
<div><div></div><div>Edit</div><div>Copy</div><div>Delete</div></div>	2006	Maria	Jhon	Manager	female	1980-07-30	250000	106
<div><div></div><div>Edit</div><div>Copy</div><div>Delete</div></div>	2101	Sarah	Jose	Ast Manager	female	1993-09-07	210000	106

Viewing table

✓ MySQL returned an empty result set (i.e. zero rows). (Query took 0.0004 seconds.)

CREATE TABLE viewing(clientNo int NOT NULL,propertyNO int,viewDate date,comments varchar(255),PRIMARY KEY(clientNo));

[Edit inline] [Edit] [Create PHP code]

✓ Showing rows 0 - 4 (5 total, Query took 0.0002 seconds.)

SELECT * FROM viewing;

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

☐ Show all | Number of rows: 25 | Filter rows: Search this table | Sort by key: None

Extra options

			clientNo	propertyNO	viewDate	comments
<input type="checkbox"/>	Edit	Copy	Delete	500	4	2024-04-14 PG4
<input type="checkbox"/>	Edit	Copy	Delete	501	3	2024-04-13 PM6
<input type="checkbox"/>	Edit	Copy	Delete	502	4	2024-02-14 PG4
<input type="checkbox"/>	Edit	Copy	Delete	503	2	2024-06-10 PK2
<input type="checkbox"/>	Edit	Copy	Delete	504	6	2024-03-16 PF6

? List the address of all branch offices in London or Bristol

✓ Showing rows 0 - 3 (4 total, Query took 0.0002 seconds.)

SELECT * from branch WHERE city='London' OR city='Bristol';

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

☐ Show all | Number of rows: 25 | Filter rows: Search this table | Sort by key: None

Extra options

			branchNo	street	city	postcode
<input type="checkbox"/>	Edit	Copy	Delete	100	Second street	London 678098
<input type="checkbox"/>	Edit	Copy	Delete	101	Last street	Bristol 798098
<input type="checkbox"/>	Edit	Copy	Delete	102	First street	London 678099
<input type="checkbox"/>	Edit	Copy	Delete	106	163 Main street	London 679809

? List the staff with a salary between \$100000 and \$300000

✓ Showing rows 0 - 3 (4 total, Query took 0.0002 seconds.)

SELECT * from staff WHERE salary BETWEEN 100000 AND 300000;

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

☐ Show all | Number of rows: 25 | Filter rows: Search this table | Sort by key: None

Extra options

				staffNo	fname	lname	postion	sex	DOB	salary	branchNo
<input type="checkbox"/>	Edit	Copy	Delete	1001	Jhone	Jose	Manager	Male	1973-09-19	250000	100
<input type="checkbox"/>	Edit	Copy	Delete	1041	Joseph	Jose	Accountant	Male	1993-06-10	200000	103
<input type="checkbox"/>	Edit	Copy	Delete	2006	Maria	Jhon	Manager	female	1980-07-30	250000	106
<input type="checkbox"/>	Edit	Copy	Delete	2101	Sarah	Jose	Ast Manager	female	1993-09-07	210000	106

? List the staff in descending order of salary

✓ Showing rows 0 - 4 (5 total, Query took 0.0002 seconds.) [salary: 250000... - 50000...]

SELECT * from staff ORDER BY salary DESC;

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

☐ Show all | Number of rows: 25 | Filter rows: Search this table | Sort by key: None

Extra options

				staffNo	fname	lname	postion	sex	DOB	salary	1	branchNo
<input type="checkbox"/>	Edit	Copy	Delete	2006	Maria	Jhon	Manager	female	1980-07-30	250000		106
<input type="checkbox"/>	Edit	Copy	Delete	1001	Jhone	Jose	Manager	Male	1973-09-19	250000		100
<input type="checkbox"/>	Edit	Copy	Delete	2101	Sarah	Jose	Ast Manager	female	1993-09-07	210000		106
<input type="checkbox"/>	Edit	Copy	Delete	1041	Joseph	Jose	Accountant	Male	1993-06-10	200000		103
<input type="checkbox"/>	Edit	Copy	Delete	1011	Amit	Kumar	Clerk	Male	1970-09-24	50000		100

? Find the number of different properties viewed in April 2024

SELECT COUNT(*) FROM viewing WHERE viewDate BETWEEN '2024/04/01' and '2024/04/30';

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

Extra options

COUNT(*)

3

? Find the maximum, minimum and average staff salary

```
SELECT MIN(salary)FROM staff;
```

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

☐ Show all | Number of rows: 25 Filter rows:

Extra options

MIN(salary)

50000

```
SELECT MAX(salary)FROM staff;
```

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☐ Show all | Number of rows: 25 Filter rows:

Extra options

MAX(salary)

250000

```
SELECT AVG(salary)FROM staff;
```

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☐ Show all | Number of rows: 25 Filter rows:

Extra options

AVG(salary)

192000.0000

? List the staff who working in the branch whose street address is '163 Main Street'

✓ Showing rows 0 - 1 (2 total, Query took 0.0003 seconds.)

```
SELECT * FROM staff JOIN branch ON staff.branchNO=branch.branchNO WHERE branch.street='163 Main street';
```

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☐ Show all | Number of rows: Filter rows: Sort by key:

Extra options

staffNo	fname	lname	postion	sex	DOB	salary	branchNo	branchNo	street	city	postcode
2006	Maria	Jhon	Manager	female	1980-07-30	250000	106	106	163 Main street	London	679809
2101	Sarah	Jose	Ast Manager	female	1993-09-07	210000	106	106	163 Main street	London	679809

? Give all managers 5% increase to their salary

```
UPDATE staff SET salary=salary*1.05 WHERE postion='Manager';
```

```
SELECT * FROM staff;
```

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

☐ Show all | Number of rows: Filter rows: Sort by key:

Extra options

<div><div><div>←</div><div>T</div><div>→</div></div></div>				staffNo	fname	lname	postion	sex	DOB	salary	branchNo	
<input type="checkbox"/>		Edit	Copy	Delete	1001	Jhone	Jose	Manager	Male	1973-09-19	262500	100
<input type="checkbox"/>		Edit	Copy	Delete	1011	Amit	Kumar	Clerk	Male	1970-09-24	50000	100
<input type="checkbox"/>		Edit	Copy	Delete	1041	Joseph	Jose	Accountant	Male	1993-06-10	200000	103
<input type="checkbox"/>		Edit	Copy	Delete	2006	Maria	Jhon	Manager	female	1980-07-30	262500	106
<input type="checkbox"/>		Edit	Copy	Delete	2101	Sarah	Jose	Ast Manager	female	1993-09-07	210000	106

? Delete all viewings that belong to the property with property number PG4

✓ 2 rows deleted. (Query took 0.0006 seconds.)










```
DELETE FROM viewing WHERE propertyNO=4;
```

```
SELECT * FROM viewing;
```

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☐ Show all | Number of rows: Filter rows: Sort by key:

Extra options

			clientNo	propertyNO	viewDate	comments
<input type="checkbox"/>	 Edit	 Copy	 Delete	501	3 2024-04-13	PM6
<input type="checkbox"/>	 Edit	 Copy	 Delete	503	2 2024-06-10	PK2
<input type="checkbox"/>	 Edit	 Copy	 Delete	504	6 2024-03-16	PF6