HomeworkDay15_1

1.create database library;

2.create table employee(

        Id_emp int(13) primary key,
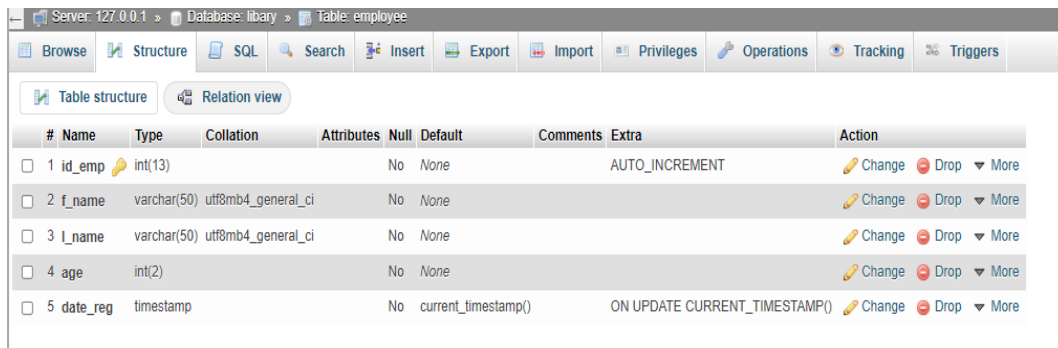
        f_name varchar(50),

        l_name varchar(50),

        age int(2),

        date_reg timestamp not null default now()

);

Server: 127.0.0.1 » Database: libary » Table: employee

Browse | Structure | SQL | Search | Insert | Export | Import | Privileges | Operations | Tracking | Triggers

Table structure | Relation view

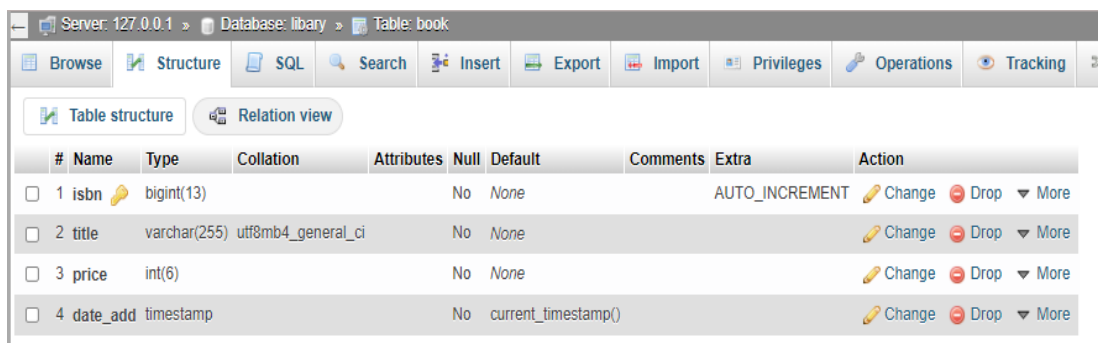| #	Name	Type	Collation	Attributes	Null	Default	Comments	Extra	Action		
1	id_emp	int(13)			No	None		AUTO_INCREMENT	Change	Drop	More
2	f_name	varchar(50)	utf8mb4_general_ci		No	None			Change	Drop	More
3	l_name	varchar(50)	utf8mb4_general_ci		No	None			Change	Drop	More
4	age	int(2)			No	None			Change	Drop	More
5	date_reg	timestamp			No	current_timestamp()		ON UPDATE CURRENT_TIMESTAMP()	Change	Drop	More

3.create table book(

        Isbn bigint(13) primary key,

        Title varchar(255),

        price int(6),

        date_add timestamp not null default now()

);

Server: 127.0.0.1 » Database: libary » Table: book

Browse | Structure | SQL | Search | Insert | Export | Import | Privileges | Operations | Tracking

Table structure | Relation view

#	Name	Type	Collation	Attributes	Null	Default	Comments	Extra	Action		
1	isbn	bigint(13)			No	None		AUTO_INCREMENT	Change	Drop	More
2	title	varchar(255)	utf8mb4_general_ci		No	None			Change	Drop	More
3	price	int(6)			No	None			Change	Drop	More
4	date_add	timestamp			No	current_timestamp()			Change	Drop	More

4.create table invoice(

       Inv_num bigint(10) primary key,

       Isbn_book bigint(13),

       Id_emp int(13),

       price int(4),

       amount_book int(2),

       date_buy timestamp not null default now()

);

Server: 127.0.0.1 » Database: libary » Table: invoice

| Browse | Structure | SQL | Search | Insert | Export | Import | Privileges | Operations | Tracking | Trigge |

Table structure | Relation view

#	Name	Type	Collation	Attributes	Null	Default	Comments	Extra	Action
1	inv_num	bigint(10)			No	None		AUTO_INCREMENT	Change Drop More
2	isbn_book	bigint(13)			No	None			Change Drop More
3	id_emp	int(13)			No	None			Change Drop More
4	price	int(4)			No	None			Change Drop More
5	amount_book	int(2)			No	None			Change Drop More
6	date_buy	timestamp			No	current_timestamp()		ON UPDATE CURRENT_TIMESTAMP()	Change Drop More

5.INSERT INTO

       employee(f_name,l_name,age,date_reg)

       VALUES

       ('Noah','Armstorn',34,CURRENT_TIMESTAMP),

       ('Leslie','Ellis',24,CURRENT_TIMESTAMP),

       ('Sandra','Hoffman',35,CURRENT_TIMESTAMP),

       ('Cameron','Meyer',19,CURRENT_TIMESTAMP),

       ('Cameron','Moore',27,CURRENT_TIMESTAMP);

←T→				id_emp	f_name	l_name	age	date_reg
	Edit	Copy	Delete	1	Noah	Armstorn	34	2022-05-14 08:04:33
	Edit	Copy	Delete	2	Leslie	Ellis	24	2022-05-14 08:04:53
	Edit	Copy	Delete	3	Sandra	Hoffman	35	2022-05-14 08:05:36
	Edit	Copy	Delete	4	Cameron	Meyer	19	2022-05-14 08:05:59
	Edit	Copy	Delete	5	Cameron	Moore	27	2022-05-14 21:29:00

5. ```sql
INSERT INTO
book(isbn,title,price,date_add)
VALUES
(9783598215766,'His Toy',289,CURRENT TIMESTAMP),
(9783598215919,'The Mars Room',199,CURRENT TIMESTAMP),
(9783598215933,'The Marquis and I',250,CURRENT TIMESTAMP),
(9783598215957,'Blood on the Tongue',352,CURRENT TIMESTAMP),
(9783598215995,'A Higher Loyalty',157,CURRENT TIMESTAMP);
```

✔ Showing rows 0 - 4 (5 total, Query took 0.0008 seconds.)

SELECT * FROM `book`

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

☐ Show all | Number of rows: 25 ⌄   Filter rows: Search this table   Sort by key: No

+ Options

| | isbn | title | price | date_add |
|---|---|---|---|---|
| ☐ ✎ Edit ⌗ Copy ⊖ Delete | 9783598215766 | His Toy | 289 | 2022-05-14 08:25:33 |
| ☐ ✎ Edit ⌗ Copy ⊖ Delete | 9783598215919 | The Mars Room | 199 | 2022-05-14 08:25:15 |
| ☐ ✎ Edit ⌗ Copy ⊖ Delete | 9783598215933 | The Marquis and I | 250 | 2022-05-14 08:23:18 |
| ☐ ✎ Edit ⌗ Copy ⊖ Delete | 9783598215957 | Blood on the Tongue | 352 | 2022-05-14 08:24:18 |
| ☐ ✎ Edit ⌗ Copy ⊖ Delete | 9783598215995 | A Higher Loyalty | 157 | 2022-05-14 08:24:42 |

**HomeworkDay15_2**

1.

✔ 1 row affected. (Query took 0.1269 seconds.)

```sql
DELETE FROM employee WHERE id_emp = 5;
```

2.

✔ MySQL returned an empty result set (i.e. zero rows). (Query took 0.3243 seconds.)

```sql
ALTER TABLE employee ADD COLUMN address varchar(255) null;
```

[Edit

3.

Your SQL query has been executed successfully.

```sql
SELECT COUNT(*) from employee;
```

☑ Pr

+ Options

COUNT(*)
4

4.

✔ Showing rows 0 - 0 (1 total, Query took 0.0014 seconds.)

```sql
SELECT * FROM employee WHERE age < 20;
```

☑ Profiling [Edit inline] [Edit] [Explain SQL] [Create PHP co

☐ Show all | Number of rows: 25 ▾

+ Options

←T→				id_emp	f_name	l_name	age	date_reg	address
☐	Edit	Copy	Delete	4	Cameron	Meyer	19	2022-05-14 08:05:59	NULL

5.

Showing rows 0 - 3 (4 total, Query took 0.0010 seconds.)

```sql
SELECT f_name,age FROM employee;
```

☑ Profiling [Edit

☐ Show all | Number of rows: 25 ▾

+ Options

				f_name	age
☐	🖊 Edit	⧉ Copy	⊖ Delete	Noah	34
☐	🖊 Edit	⧉ Copy	⊖ Delete	Leslie	24
☐	🖊 Edit	⧉ Copy	⊖ Delete	Sandra	35
☐	🖊 Edit	⧉ Copy	⊖ Delete	Cameron	19

6.

1 row affected. (Query took 0.0491 seconds.)

```sql
UPDATE employee SET f_name = 'Neil' WHERE f_name = 'Noah';
```

id_emp	f_name	l_name	age	date_reg	address
1	Neil	Armstorn	34	2022-05-14 23:01:40	NULL
2	Leslie	Ellis	24	2022-05-14 08:04:53	NULL
3	Sandra	Hoffman	35	2022-05-14 08:05:36	NULL
4	Cameron	Meyer	19	2022-05-14 08:05:59	NULL

HomeworkDay15_3

1.

Showing rows 0 - 1 (2 total, Query took 0.0013 seconds.)

```sql
SELECT * FROM book WHERE title LIKE '%Mar%';
```

☑ Profiling [Edit inline] [Edit] [Explain SQL] [Create PHP

☐ Show all | Number of rows: 25 ⌄

+ Options

←T→			▼	isbn	title	price	date_add
☐	🖉 Edit	⋮€ Copy	⊖ Delete	9783598215919	The Mars Room	199	2022-05-14 08:25:15
☐	🖉 Edit	⋮€ Copy	⊖ Delete	9783598215933	The Marquis and I	250	2022-05-14 08:23:18

2.

Showing rows 0 - 1 (2 total, Query took 0.0010 seconds.)

```sql
SELECT * FROM book WHERE title LIKE '%o%' LIMIT 2;
```

☑ Profiling [Edit inline] [Edit] [Explain SQL] [Create PHP

⊢ Options

←T→			▼	isbn	title	price	date_add
☐	🖉 Edit	⋮€ Copy	⊖ Delete	9783598215766	His Toy	289	2022-05-14 08:25:33
☐	🖉 Edit	⋮€ Copy	⊖ Delete	9783598215919	The Mars Room	199	2022-05-14 08:25:15

3.

Show query box

✔ 10 rows inserted.
Inserted row id: 10 (Query took 0.1090 seconds.)

INSERT INTO invoice(isbn, id_emp, price, amount_book, date_buy) VALUES
(9783598215766,3,289,2,now()), (9783598215766,3,289,2,now()), (9783598215766,3,289,2,now()),
(9783598215995,3,157,1,now()), (9783598215766,3,289,2,now()), (9783598215766,3,289,2,now()),
(9783598215995,3,157,1,now()), (9783598215766,3,289,2,now()), (9783598215766,3,289,2,now()),
(9783598215766,3,289,2,now());

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

inv_num	isbn	id_emp	price	amount_book	date_buy
1	9783598215766	3	289	2	2022-05-14 23:32:44
2	9783598215766	3	289	2	2022-05-14 23:32:44
3	9783598215766	3	289	2	2022-05-14 23:32:44
4	9783598215995	3	157	1	2022-05-14 23:32:44
5	9783598215766	3	289	2	2022-05-14 23:32:44
6	9783598215766	3	289	2	2022-05-14 23:32:44
7	9783598215995	3	157	1	2022-05-14 23:32:44
8	9783598215766	3	289	2	2022-05-14 23:32:44
9	9783598215766	3	289	2	2022-05-14 23:32:44
10	9783598215766	3	289	2	2022-05-14 23:32:44

4.

✔ Showing rows 0 - 0 (1 total, Query took 0.0260 seconds.)

SELECT SUM(amount_book) FROM invoice;

☑ Profiling [Edit inli

☐ Show all | Number of rows: 25 ⌄

+ Options

SUM(amount_book)
18

5.

✔ Showing rows 0 - 1 (2 total, Query took 0.0023 seconds.)

SELECT DISTINCT isbn FROM invoice;

☑ Profiling [Edit in

☐ Show all | Number of rows: 25 ⌄

+ Options

←T→

			isbn
☐ 🖉 Edit ⋷ Copy	⊖ Delete		9783598215766
☐ 🖉 Edit ⋷ Copy	⊖ Delete		9783598215995