

localhost / 127.0.0.1 / rentals /

localhost/phpmyadmin/index.php?route=/sql&pos=0&db=rentals&table=rentals

phpMyAdmin

Recent Favorites

New

information_schema

mysql

performance_schema

phpmyadmin

rentals

New

rentals

test

Server: 127.0.0.1 > Database: rentals > Table: rentals

Browse

Structure

SQL

Search

Insert

Export

Import

Privileges

Operations

Tracking

Triggers

Showing rows 0 - 10 (11 total. Query took 0.0005 seconds.)

SELECT * FROM `rentals`

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

rental_id

customer_full_name

costume_name

rent_date

return_date

daily_rental_fee

insertion_time

update_time

Edit

Copy

Delete

1

Alice Johnson

Imperial Officer

2025-04-01 10:00:00

2025-04-03 15:30:00

25.00

2025-05-21 12:21:16

2025-05-21 12:21:16

Edit

Copy

Delete

2

Bob Smith

Galaxy Explorer

2025-04-02 09:15:00

2025-04-05 11:00:00

30.00

2025-05-21 12:21:16

2025-05-21 12:21:16

Edit

Copy

Delete

3

Carol Lee

Time Traveler

2025-04-05 14:45:00

2025-04-06 16:00:00

20.00

2025-05-21 12:21:16

2025-05-21 12:21:16

Edit

Copy

Delete

4

Dave Martinez

Robot Droid

2025-04-07 13:00:00

2025-04-12 13:00:00

28.50

2025-05-21 12:21:16

2025-05-21 12:21:16

Edit

Copy

Delete

5

Eva Wang

Alien Monarch

2025-04-10 12:10:00

2025-04-11 18:20:00

22.00

2025-05-21 12:21:16

2025-05-21 12:21:16

Edit

Copy

Delete

6

Frank Davis

Imperial Officer

2025-04-12 08:00:00

2025-04-15 09:00:00

25.00

2025-05-21 12:21:16

2025-05-21 12:21:16

Edit

Copy

Delete

7

Grace Kim

Galaxy Explorer

2025-04-15 10:20:00

2025-04-17 12:35:00

30.00

2025-05-21 12:21:16

2025-05-21 12:21:16

Edit

Copy

Delete

8

Henry Brown

Robot Droid

2025-04-18 11:00:00

2025-04-19 14:15:00

28.50

2025-05-21 12:21:16

2025-05-21 12:21:16

Edit

Copy

Delete

9

Isabel Clark

Time Traveler

2025-04-20 09:30:00

2025-04-23 10:00:00

20.00

2025-05-21 12:21:16

2025-05-21 12:21:16

Edit

Copy

Delete

10

John Doe

Alien Monarch

2025-04-22 14:00:00

NULL

22.00

2025-05-21 12:21:16

2025-05-21 12:21:16

Edit

Copy

Delete

11

Abdel Fattah

Manager

2025-05-21 12:35:00

2025-05-25 15:30:00

20.00

2025-05-21 12:25:40

2025-05-21 12:25:40

Check all

With selected:

Edit

Copy

Delete

Export

Show all

Number of rows: 25

Filter rows: Search this table

Sort by key: None

Query results operations

Print

Copy to clipboard

Export

Display chart

Create view

Bookmark this SQL query

Label:

Let every user access this bookmark

Console: this SQL query

Snipping Tool

Screenshot copied to clipboard

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localhost/phpmyadmin/index.php?route=/database/sql&db=rentals

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rentals

- New
- rentals

test

Server: 127.0.0.1 > Database: rentals

StructureSQLSearchQueryExportImportOperationsPrivilegesRoutinesEventsTriggersTrackingDesignerCentral columns

Show query box

1 row inserted.

Inserted row id: 11 (Query took 0.0009 seconds.)

```
INSERT INTO rentals (customer_full_name, costume_name, rent_date, return_date, daily_rental_fee) VALUES ('Abdel Fattah', 'Manager', '2025-05-21 12:35:00', '2025-05-26 15:30:00', 20);
```

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

Console

24°C
שחשי

Search

File Explorer

Calendar

Outlook

Ps

Chrome

Ai

P

Obsidian

VS Code

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5/21/2025

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localhost/phpmyadmin/index.php?route=/database/sql&db=rentals

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rentals

- New
- rentals

test

Server: 127.0.0.1 > Database: rentals

StructureSQLSearchQueryExportImportOperationsPrivilegesRoutinesEventsTriggersTrackingDesignerCentral columns

Run SQL query/queries on database rentals:

1 INSERT INTO rentals (customer_full_name, costume_name, rent_date, return_date, daily_rental_fee) VALUES

2 ('Abdel Fattah', 'Manager', '2025-05-21 12:35:00', '2025-05-026 15:30:00', 20);

ClearFormatGet auto-saved query

☐ Bind paramotors

Bookmark this SQL query:

Delimiter ,☐ Show this query here again☐ Retain query box☐ Rollback when finished☒ Enable foreign key checksGo

Console

localhost / 127.0.0.1 / rentals

localhost/phpmyadmin/index.php?route=/database/sql&db=rentals

phpMyAdmin

Recent Favorites

New

information_schema

mysql

performance_schema

phpmyadmin

rentals

New

rentals

test

Server: 127.0.0.1 > Database: rentals > Table: rentals

Browse

Structure

SQL

Search

Insert

Export

Import

Privileges

Operations

Tracking

Triggers

Show query box

Showing rows 0 - 3 (4 total. Query took 0.0005 seconds)

SELECT * FROM rentals WHERE daily_rental_fee < 25.0;

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

rental_id

customer_full_name

costume_name

rent_date

return_date

daily_rental_fee

insertion_time

update_time

Edit

Copy

Delete

3

Carol Lee

Time Traveler

2025-04-05 14:45:00

2025-04-05 16:00:00

20.00

2025-05-21 12:21:16

2025-05-21 12:21:16

Edit

Copy

Delete

5

Eva Wang

Alien Monarch

2025-04-10 12:10:00

2025-04-11 18:20:00

22.00

2025-05-21 12:21:16

2025-05-21 12:21:16

Edit

Copy

Delete

9

Isabel Clark

Time Traveler

2025-04-20 09:30:00

2025-04-23 10:00:00

20.00

2025-05-21 12:21:16

2025-05-21 12:21:16

Edit

Copy

Delete

10

John Doe

Alien Monarch

2025-04-22 14:00:00

NULL

22.00

2025-05-21 12:21:16

2025-05-21 12:21:16

Check all

With selected:

Edit

Copy

Delete

Export

Show all

Number of rows: 25

Filter rows: Search this table

Sort by key: None

Query results operations

Print

Copy to clipboard

Export

Display chart

Create view

Bookmark this SQL query

Label:

Let every user access this bookmark

Bookmark this SQL query

Console

Snipping Tool

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localhost / 127.0.0.1 / rentals | x +

localhost/phpmyadmin/index.php?route=/database/sql&db=rentals

phpMyAdmin

Recent Favorites

New
information_schema
mysql
performance_schema
phpmyadmin
rentals
New
rentals
test

Server: 127.0.0.1 > Database: rentals

Structure SQL Search Query Export Import Operations Privileges Routines Events Triggers Tracking Designer Central columns

Run SQL query/queries on database rentals:

```
1 SELECT * FROM rentals WHERE daily_rental_fee < 25.0;
```

Clear Format Get auto-saved query

☐ Bind paramotors

Bookmark this SQL query:

Delimiter , ☐ Show this query here again ☐ Retain query box ☐ Rollback when finished ☒ Enable foreign key checks Go

Console

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12:23 PM
5/21/2025

Showing rows 0 - 9 (10 total, Query took 0.0005 seconds)

```
SELECT * FROM `rentals`
```

☐ 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

		rental_id	customer_full_name	costume_name	rent_date	return_date	daily_rental_fee	insertion_time	update_time
<input type="checkbox"/>	 Edit  Copy  Delete	1	Alice Johnson	Imperial Officer	2025-04-01 10:00:00	2025-04-03 15:30:00	25.00	2025-05-21 12:21:16	2025-05-21 12:21:16
<input type="checkbox"/>	 Edit  Copy  Delete	2	Bob Smith	Galaxy Explorer	2025-04-02 09:15:00	2025-04-05 11:00:00	30.00	2025-05-21 12:21:16	2025-05-21 12:21:16
<input type="checkbox"/>	 Edit  Copy  Delete	3	Carol Lee	Time Traveler	2025-04-05 14:45:00	2025-04-06 16:00:00	20.00	2025-05-21 12:21:16	2025-05-21 12:21:16
<input type="checkbox"/>	 Edit  Copy  Delete	4	Dave Martinez	Robot Droid	2025-04-07 13:00:00	2025-04-12 13:00:00	28.50	2025-05-21 12:21:16	2025-05-21 12:21:16
<input type="checkbox"/>	 Edit  Copy  Delete	5	Eva Wang	Alien Monarch	2025-04-10 12:10:00	2025-04-11 18:20:00	22.00	2025-05-21 12:21:16	2025-05-21 12:21:16
<input type="checkbox"/>	 Edit  Copy  Delete	6	Frank Davis	Imperial Officer	2025-04-12 08:00:00	2025-04-15 09:00:00	25.00	2025-05-21 12:21:16	2025-05-21 12:21:16
<input type="checkbox"/>	 Edit  Copy  Delete	7	Grace Kim	Galaxy Explorer	2025-04-15 10:20:00	2025-04-17 12:35:00	30.00	2025-05-21 12:21:16	2025-05-21 12:21:16
<input type="checkbox"/>	 Edit  Copy  Delete	8	Henry Brown	Robot Droid	2025-04-18 11:00:00	2025-04-19 14:15:00	28.50	2025-05-21 12:21:16	2025-05-21 12:21:16
<input type="checkbox"/>	 Edit  Copy  Delete	9	Isabel Clark	Time Traveler	2025-04-20 09:30:00	2025-04-23 10:00:00	20.00	2025-05-21 12:21:16	2025-05-21 12:21:16
<input type="checkbox"/>	 Edit  Copy  Delete	10	John Doe	Alien Monarch	2025-04-22 14:00:00	NULL	22.00	2025-05-21 12:21:16	2025-05-21 12:21:16


☐ Check all
 With selected:
  Edit
  Copy
  Delete
  Export

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

Query results operations

 Print
  Copy to clipboard
  Export
  Display chart
  Create view

[Bookmark this SQL query](#)

Label: ☐ Let every user access this bookmark

[Bookmark this SQL query](#)

Console

localhost / 127.0.0.1 / rentals

localhost/phpmyadmin/index.php?route=/database/structure&db=rentals

phpMyAdmin

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New

information_schema

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phpmyadmin

rentals

test

Server: 127.0.0.1 > Database: rentals

StructureSQLSearchQueryExportImportOperationsPrivilegesRoutinesEventsTriggersTrackingDesignerCentral columns

Filters

Containing the word:

Table	Action	Rows	Type	Collation	Size	Overhead
rentals	<div><div></div><div>☆</div><div>Browse</div><div>Structure</div><div>Search</div><div>Insert</div><div>Empty</div><div>Drop</div></div>	10	InnoDB	utf8mb4_general_ci	16.0 KiB	-
1 table	Sum	10	InnoDB	utf8mb4_general_ci	16.0 KiB	0 B

↑

☐ Check all

With selected:

Print

Data dictionary

Create new table

Table name

Number of columns

4

Create

localhost/phpmyadmin/index.php?route=/sql&db=rentals&table=rentals&pos=0

localhost / 127.0.0.1 | phpMyAdmin

localhost/phpmyadmin/index.php?route=/import

Server: 127.0.0.1

Databases SQL Status User accounts Export Import Settings Replication Variables Charsets Engines Plugins

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New

- information_schema
- mysql
- performance_schema
- phpmyadmin
- rentals
- test

Import has been successfully finished, 5 queries executed. (RentalsDB.sql)

MySQL returned an empty result set (i.e. zero rows). (Query took 0.0023 seconds.)

-- Student Name : Abdel Fattah Abu Eshkian -- Student Number : 120210664 -- DDL COMMANDS : TO DEFINE THE DATABASE PARTS INCLUDING DATABASE NAME , TABLES etc.. [CREATE DATABASE](#) RENTALS;

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

Error: #1046 No database selected

MySQL returned an empty result set (i.e. zero rows). (Query took 0.0008 seconds.)

-- I HAVE USED CREATE COMMAND TO CREATE A DATABASE CALLED RENTALS [USE](#) RENTALS;

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

Error: #1046 No database selected

MySQL returned an empty result set (i.e. zero rows). (Query took 0.0626 seconds.)

-- AFTER CREATING THE DATABASE I HAVE USED USE COMMAND TO USE THE DATABASE -- HERE I HAVE CREATED A TABLE CALLED rentals to store records of rentals rows and columns -- Each row contains every rental informations such as rental_id , customer_full_name , costume_name , rent_date , return_date , daily_rental_fee -- The rental_id here is a primary key that means it can not be repeated and has auto increment (If a new record recorded it will be add by each time) [CREATE TABLE](#) rentals (rental_id INT AUTO_INCREMENT PRIMARY KEY, -- Auto-incrementing ID -- The customer full name here has a datatype VARCHAR to store rental name and can not be empty or blank customer_full_name VARCHAR(255) NOT NULL, -- Required customer name -- Like customer full name it can not be empty or blank and use same datatype VARCHAR costume_name VARCHAR(255) NOT NULL, -- Required costume name rent_date DATETIME NOT NULL CHECK ([...])

[Edit]

10 rows inserted. (Query took 0.0077 seconds.)

-- DML COMMANDS : TO INSERT DATA INTO THE TABLES [INSERT INTO](#) rentals (rental_id, customer_full_name, costume_name, rent_date, return_date, daily_rental_fee) [VALUES](#) (1, 'Alice Johnson', 'Robot Droid', '2025-04-07 13:00:00', '2025-04-12 13:00:00', 28.5), (2, 'Bob Smith', 'Galaxy Explorer', '2025-04-02 09:15:00', '2025-04-05 11:00:00', 30), (3, 'Carol Lee', 'Time Traveler', '2025-04-05 14:45:00', '2025-04-08 16:30:00', 25), (4, 'David Martinez', 'Robot Droid', '2025-04-07 13:00:00', '2025-04-12 13:00:00', 28.5), (5, 'Eva Wang', 'Alien Monarch', '2025-04-10 12:10:00', '2025-04-11 18:20:00', 22), (6, 'Frank Davis', 'Galaxy Explorer', '2025-04-15 09:00:00', '2025-04-18 10:30:00', 25), (7, 'Grace Kim', 'Galaxy Explorer', '2025-04-15 10:20:00', '2025-04-17 12:35:00', 30), (8, 'Henry Brown', 'Robot Droid', '2025-04-18 11:00:00', '2025-04-20 09:30:00', 20), (9, 'Ivy Chen', 'Time Traveler', '2025-04-20 09:30:00', '2025-04-23 10:00:00', 20)[...]

[Edit]

MySQL returned an empty result set (i.e. zero rows). (Query took 0.0002 seconds.)

-- Student name : Abdel Fattah Abu Eshkian -- Student number : 120210664;

Console [Edit] [Create PHP code]

Snipping Tool

Screenshot copied to clipboard
Automatically saved to screenshots folder.

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localhost/phpmyadmin/index.php?route=/server/import

phpMyAdmin

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performance_schema

phpmyadmin

test

Server: 127.0.0.1

Databases

SQL

Status

User accounts

Export

Import

Settings

Replication

Variables

Charsets

Engines

Plugins

Importing into the current server

File to import:

File may be compressed (gzip, bzip2) or uncompressed.
A compressed file's name must end in .[format].[compression]. Example: .sql.zip

Browse your computer: (Max: 40MiB)

Choose File

RentalsDB.sql

You may also drag and drop a file on any page.

Character set of the file:

utf-8

Partial import:

☒ Allow the interruption of an import in case the script detects it is close to the PHP timeout limit.
This might be a good way to import large files, however it can break transactions.

Skip this number of queries (for SQL) starting from the first one:

0

Other options

☒ Enable foreign key checks

Format

SQL

Format-specific options:

SQL compatibility mode:

Console

24°C

שחשי

Search

Ps

✓

Chrome

Ai

P

VS Code

Discord

Telegram

WhatsApp

Red

ENG

12:21 PM

5/21/2025

localhost / 127.0.0.1 | phpMyAdmin

localhost/phpmyadmin/index.php?route=/server/sql

Server: 127.0.0.1

Databases SQL Status User accounts Export Import Settings Replication Variables Charsets Engines Plugins

Recent Favorites

New
information_schema
mysql
performance_schema
phpmyadmin
test

MySQL returned an empty result set (i.e. zero rows). (Query took 0.0022 seconds.)

-- Student Name : Abdel Fattah Abu Eshkian -- Student Number : 120219664 -- DDL COMMANDS : TO DEFINE THE DATABASE PARTS INCLUDING DATABASE NAME , TABLES etc.. [CREATE DATABASE](#) RENTALS;

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

Error: #1046 No database selected

MySQL returned an empty result set (i.e. zero rows). (Query took 0.0006 seconds.)

-- I HAVE USED CREATE COMMAND TO CREATE A DATABASE CALLED RENTALS [USE](#) RENTALS;

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

Error: #1046 No database selected

MySQL returned an empty result set (i.e. zero rows). (Query took 0.0253 seconds.)

-- AFTER CREATING THE DATABASE I HAVE USED USE COMMAND TO USE THE DATABASE -- HERE I HAVE CREATED A TABLE CALLED rentals to store records of rentals rows and columns -- Each row contains every rental informations such as rental_id , customer_full_name , costume_name , rent_date , return_date , daily_rental_fee -- The rental_id here is a primary key that means it can not be repeated and has auto increment (If a new record recorded it will be add by each time) [CREATE TABLE](#) rentals (rental_id [INT](#) [AUTO_INCREMENT](#) [PRIMARY KEY](#), -- Auto-incrementing ID -- The customer full name here has a datatype VARCHAR to store rental name and can not be empty or blank customer_full_name [VARCHAR](#)(255) [NOT NULL](#), -- Required customer name -- Like customer full name it can not be empty or blank and use some datatype VARCHAR costume_name [VARCHAR](#)(255) [NOT NULL](#), -- Required costume name rent_date [DATETIME](#) [NOT NULL](#) [CHECK](#) ([...])

[Edit]

10 rows inserted. (Query took 0.0089 seconds.)

-- DML COMMANDS : TO INSERT DATA INTO THE TABLES [INSERT INTO](#) rentals (rental_id, customer_full_name, costume_name, rent_date, return_date, daily_rental_fee) [VALUES](#) (1, 'Alice Johnson', 'Imperial Officer', '2025-04-01 10:00:00', '2025-04-03 15:30:00', 25), (2, 'Bob Smith', 'Galaxy Explorer', '2025-04-02 09:15:00', '2025-04-05 11:00:00', 30), (3, 'Carol Lee', 'Time Traveler', '2025-04-05 14:45:00', '2025-04-06 16:00:00', 20), (4, 'Dave Martinez', 'Robot Droid', '2025-04-07 13:00:00', '2025-04-12 13:00:00', 28.5), (5, 'Eva Wang', 'Alien Monarch', '2025-04-10 12:10:00', '2025-04-11 18:20:00', 22), (6, 'Frank Davis', 'Imperial Officer', '2025-04-12 08:00:00', '2025-04-15 09:00:00', 25), (7, 'Grace Kim', 'Galaxy Explorer', '2025-04-15 10:20:00', '2025-04-17 12:35:00', 30), (8, 'Henry Brown', 'Robot Droid', '2025-04-18 11:00:00', '2025-04-19 14:15:00', 28.5), (9, 'Isabel Clark', 'Time Traveler', '2025-04-20 09:30:00', '2025-04-23 10:00:00', 20[...])

[Edit]

MySQL returned an empty result set (i.e. zero rows). (Query took 0.0002 seconds.)

-- Student name : Abdel Fattah Abu Eshkian -- Student number : 120219664;

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

Error: #1046 No database selected

Console

localhost / 127.0.0.1 | phpMyAdmin

localhost/phpmyadmin/index.php?route=/server/sql

Server: 127.0.0.1

Databases SQL Status User accounts Export Import Settings Replication Variables Charsets Engines Plugins

Recent Favorites

New
information_schema
mysql
performance_schema
phpmyadmin
test

```
23 rent_date DATETIME NOT NULL CHECK (rent_date <= return_date); -- No future dates
24 -- I have used a DATETIME datatype to store date and time for the rental informations , can not be empty and also can not be in the future
25 -- by checking from rent_date is earlier than or equal the return_date (can not be in the future)
26 return_date DATETIME NULL CHECK (return_date >= rent_date),
27 -- also return_date same but for open rental dates can be null or empty so i have put a check constraint (can be later than rent_date)
28 daily_rental_fee DECIMAL(10,2) NOT NULL CHECK (daily_rental_fee > 0), -- Positive value
29 -- The fees on rental should be positive and greater than 0 , also not null
30 insertion_time TIMESTAMP DEFAULT CURRENT_TIMESTAMP, -- Auto-record creation time
31 -- insertion_time here is a TIMESTAMP datatype that stores the creation time of the record
32 -- The DEFAULT Value is CURRENT_TIMESTAMP
33 update_time TIMESTAMP DEFAULT CURRENT_TIMESTAMP ON UPDATE CURRENT_TIMESTAMP -- Auto-update
34 -- update_time here is a TIMESTAMP datatype that stores the last update time of the record
35 );
36
37 -- DML COMMANDS : TO INSERT DATA INTO THE TABLES
38 INSERT INTO rentals (rental_id, customer_full_name, costume_name, rent_date, return_date, daily_rental_fee) VALUES
39 (1, 'Alice Johnson', 'Imperial Officer', '2025-04-01 10:00:00', '2025-04-03 15:30:00', 25),
40 (2, 'Bob Smith', 'Galaxy Explorer', '2025-04-02 09:15:00', '2025-04-05 11:00:00', 30),
41 (3, 'Carol Lee', 'Time Traveler', '2025-04-05 14:45:00', '2025-04-06 16:00:00', 20),
42 (4, 'Dave Martinez', 'Robot Droid', '2025-04-07 13:00:00', '2025-04-12 13:00:00', 28.5),
43 (5, 'Eva Wang', 'Alien Monarch', '2025-04-10 12:10:00', '2025-04-11 18:20:00', 22),
44 (6, 'Frank Davis', 'Imperial Officer', '2025-04-12 08:00:00', '2025-04-15 09:00:00', 25),
45 (7, 'Grace Kim', 'Galaxy Explorer', '2025-04-15 10:20:00', '2025-04-17 12:35:00', 30),
46 (8, 'Henry Brown', 'Robot Droid', '2025-04-18 11:00:00', '2025-04-19 14:15:00', 28.5),
47 (9, 'Isabel Clark', 'Time Traveler', '2025-04-20 09:30:00', '2025-04-23 10:00:00', 20),
48 (10, 'John Doe', 'Alien Monarch', '2025-04-22 14:00:00', NULL, 22);
49
50
51 -- Student name : Abdel Fattah Abu Eshkian
52 -- Student number : 120210564
```

Clear Format Get auto-saved query

☐ Bind parameters ⓘ

Bookmark this SQL query:

Delimiter ; ☐ Show this query here again ☐ Retain query box ☐ Rollback when finished ☒ Enable foreign key checks Go

Console

localhost / 127.0.0.1 | phpMyAdmin

localhost/phpmyadmin/index.php?route=/server/sql

Server: 127.0.0.1

Databases SQL Status User accounts Export Import Settings Replication Variables Charsets Engines Plugins

Recent Favorites

New

- information_schema
- mysql
- performance_schema
- phpmyadmin
- test

Run SQL query/queries on server "127.0.0.1":

```
4 -- DDL COMMANDS : TO DEFINE THE DATABASE PARTS INCLUDING DATABASE NAME , TABLES etc..
5 CREATE DATABASE RENTALS;
6
7 -- I HAVE USED CREATE COMMAND TO CREATE A DATABASE CALLED RENTALS
8 USE RENTALS;
9 -- AFTER CREATING THE DATABASE I HAVE USED USE COMMAND TO USE THE DATABASE
10
11
12
13 -- HERE I HAVE CREATED A TABLE CALLED rentals to store records of rentals rows and columns
14 -- Each row contains every rental informations such as rental_id , customer_full_name , costume_name , rent_date , return_date , dally_rental_fee
15
16 -- The rental_id here is a primary key that means it can not be repeated and has auto increment (If a new record recorded it will be add by each time)
17 CREATE TABLE rentals (
18     rental_id INT AUTO_INCREMENT PRIMARY KEY, -- Auto-incrementing ID
19     -- The customer full name here has a datatype VARCHAR to store rental name and can not be empty or blank
20     customer_full_name VARCHAR(255) NOT NULL, -- Required customer name
21     -- Like customer full name it can not be empty or blank and use same datatype VARCHAR
22     costume_name VARCHAR(255) NOT NULL, -- Required costume name
23     rent_date DATETIME NOT NULL CHECK (rent_date <= return_date ), -- No future dates
24     -- I have used a DATETIME datatype to store date and time for the rental informations , can not be empty and also can not be in the future
25     -- by checking from rent_date is earlier than or equal the return_date (can not be in the future)
26     return_date DATETIME NULL CHECK (return_date >= rent_date),
27     -- also return_date same but for open rental dates can be null or empty so i have put a check constraint (can be later than rent_date)
28     daily_rental_fee DECIMAL(10,2) NOT NULL CHECK (daily_rental_fee > 0), -- Positive value
29     -- The fees on rental should be positive and greater than 0 , also not null
30     insertion_time TIMESTAMP DEFAULT CURRENT_TIMESTAMP, -- Auto-record creation time
31     -- insertion_time here is a TIMESTAMP datatype that stores the creation time of the record
32     -- The DEFAULT Value is CURRENT_TIMESTAMP
33     update_time TIMESTAMP DEFAULT CURRENT_TIMESTAMP ON UPDATE CURRENT_TIMESTAMP -- Auto-update
34     -- update_time here is a TIMESTAMP datatype that stores the last update time of the record
35 );
36
```

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☐ Bind parameters

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Console

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