Users TABLE :

CREATE TABLE users(user\_id int PRIMARY KEY AUTO\_INCREMENT, name VARCHAR(30))

INSERT INTO users (name) VALUES

('Alice'),('Bob'),('Charlie'),('Diana'),('Ethan'),('Fiona'),

('George'),('Hannah'),('Ian'),('Jasmine'),('Kevin'),('Laura'),

('Michael'),('Nina'),('Oscar');

| **[Full texts](http://localhost/phpmyadmin/index.php)** | | | | [**user\_id**](http://localhost/phpmyadmin/index.php?route=/sql&db=mydb&table=users&sql_query=SELECT+%2A+FROM+%60users%60++%0AORDER+BY+%60users%60.%60user_id%60+ASC&sql_signature=53bdc87e2365fa7e1bd740050dac4d699f1c9e3a2cbd9eb6424849be49f13e9f&session_max_rows=25&is_browse_distinct=0) | [**name**](http://localhost/phpmyadmin/index.php?route=/sql&db=mydb&table=users&sql_query=SELECT+%2A+FROM+%60users%60++%0AORDER+BY+%60users%60.%60name%60+ASC&sql_signature=473270051f90f587f0ae448e106e893c9494b2e4aa3bdd02809e8292440fa8a0&session_max_rows=25&is_browse_distinct=0) |  | | | |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | [Edit Edit](http://localhost/phpmyadmin/index.php) | [Copy Copy](http://localhost/phpmyadmin/index.php) | [Delete Delete](http://localhost/phpmyadmin/index.php) | 1 | Alice |  |  |  |  |
|  | [Edit Edit](http://localhost/phpmyadmin/index.php) | [Copy Copy](http://localhost/phpmyadmin/index.php) | [Delete Delete](http://localhost/phpmyadmin/index.php) | 2 | Bob |  |  |  |  |
|  | [Edit Edit](http://localhost/phpmyadmin/index.php) | [Copy Copy](http://localhost/phpmyadmin/index.php) | [Delete Delete](http://localhost/phpmyadmin/index.php) | 3 | Charlie |  |  |  |  |
|  | [Edit Edit](http://localhost/phpmyadmin/index.php) | [Copy Copy](http://localhost/phpmyadmin/index.php) | [Delete Delete](http://localhost/phpmyadmin/index.php) | 4 | Diana |  |  |  |  |
|  | [Edit Edit](http://localhost/phpmyadmin/index.php) | [Copy Copy](http://localhost/phpmyadmin/index.php) | [Delete Delete](http://localhost/phpmyadmin/index.php) | 5 | Ethan |  |  |  |  |
|  | [Edit Edit](http://localhost/phpmyadmin/index.php) | [Copy Copy](http://localhost/phpmyadmin/index.php) | [Delete Delete](http://localhost/phpmyadmin/index.php) | 6 | Fiona |  |  |  |  |
|  | [Edit Edit](http://localhost/phpmyadmin/index.php) | [Copy Copy](http://localhost/phpmyadmin/index.php) | [Delete Delete](http://localhost/phpmyadmin/index.php) | 7 | George |  |  |  |  |
|  | [Edit Edit](http://localhost/phpmyadmin/index.php) | [Copy Copy](http://localhost/phpmyadmin/index.php) | [Delete Delete](http://localhost/phpmyadmin/index.php) | 8 | Hannah |  |  |  |  |
|  | [Edit Edit](http://localhost/phpmyadmin/index.php) | [Copy Copy](http://localhost/phpmyadmin/index.php) | [Delete Delete](http://localhost/phpmyadmin/index.php) | 9 | Ian |  |  |  |  |
|  | [Edit Edit](http://localhost/phpmyadmin/index.php) | [Copy Copy](http://localhost/phpmyadmin/index.php) | [Delete Delete](http://localhost/phpmyadmin/index.php) | 10 | Jasmine |  |  |  |  |
|  | [Edit Edit](http://localhost/phpmyadmin/index.php) | [Copy Copy](http://localhost/phpmyadmin/index.php) | [Delete Delete](http://localhost/phpmyadmin/index.php) | 11 | Kevin |  |  |  |  |
|  | [Edit Edit](http://localhost/phpmyadmin/index.php) | [Copy Copy](http://localhost/phpmyadmin/index.php) | [Delete Delete](http://localhost/phpmyadmin/index.php) | 12 | Laura |  |  |  |  |
|  | [Edit Edit](http://localhost/phpmyadmin/index.php) | [Copy Copy](http://localhost/phpmyadmin/index.php) | [Delete Delete](http://localhost/phpmyadmin/index.php) | 13 | Michael |  |  |  |  |
|  | [Edit Edit](http://localhost/phpmyadmin/index.php) | [Copy Copy](http://localhost/phpmyadmin/index.php) | [Delete Delete](http://localhost/phpmyadmin/index.php) | 14 | Nina |  |  |  |  |
|  | [Edit Edit](http://localhost/phpmyadmin/index.php) | [Copy Copy](http://localhost/phpmyadmin/index.php) | [Delete Delete](http://localhost/phpmyadmin/index.php) | 15 | Oscar |  |  |  |  |

Rooms TABLE :

CREATE TABLE rooms(room\_id int PRIMARY KEY AUTO\_INCREMENT, partner1 int REFERENCES users(user\_id), partner2 int REFERENCES users(user\_id), start\_date date)

INSERT INTO rooms (partner1, partner2, start\_date) VALUES

(1, 2, '2025-07-01'),

(3, 4, '2025-07-02'),

(5, 6, '2025-07-03'),

(7, 8, '2025-07-04'),

(9, 10, '2025-07-05'),

(11, 12, '2025-07-06'),

(13, 14, '2025-07-07'),

(1, 3, '2025-07-08'),

(2, 5, '2025-07-09'),

(4, 6, '2025-07-10');

| **[Full texts](http://localhost/phpmyadmin/index.php)** | | | | [**room\_id**](http://localhost/phpmyadmin/index.php?route=/sql&db=mydb&table=rooms&sql_query=SELECT+%2A+FROM+%60rooms%60++%0AORDER+BY+%60rooms%60.%60room_id%60+ASC&sql_signature=3901d72239ac1ce37dd40454d6ce6d0f047c0ab47ee3c80e43df313358439a6c&session_max_rows=25&is_browse_distinct=0) | [**partner1**](http://localhost/phpmyadmin/index.php?route=/sql&db=mydb&table=rooms&sql_query=SELECT+%2A+FROM+%60rooms%60++%0AORDER+BY+%60rooms%60.%60partner1%60+ASC&sql_signature=c579fb9ffcbad5e0832c33284d47e3c07cedc0c16f92ffceb76fb787555b23d2&session_max_rows=25&is_browse_distinct=0) | [**partner2**](http://localhost/phpmyadmin/index.php?route=/sql&db=mydb&table=rooms&sql_query=SELECT+%2A+FROM+%60rooms%60++%0AORDER+BY+%60rooms%60.%60partner2%60+ASC&sql_signature=d4efc1f9f6743969ff855471ec3ad1a354344e47f9581a46f33c1a80f73e9a3d&session_max_rows=25&is_browse_distinct=0) | [**start\_date**](http://localhost/phpmyadmin/index.php?route=/sql&db=mydb&table=rooms&sql_query=SELECT+%2A+FROM+%60rooms%60++%0AORDER+BY+%60rooms%60.%60start_date%60+DESC&sql_signature=a91c2b013010af9fb830956c87b9e49fe68344831097cf3355dffc2cce5f71dc&session_max_rows=25&is_browse_distinct=0) |  | | | |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | [Edit Edit](http://localhost/phpmyadmin/index.php) | [Copy Copy](http://localhost/phpmyadmin/index.php) | [Delete Delete](http://localhost/phpmyadmin/index.php) | 1 | 1 | 2 | 2025-07-01 |  |  |  |  |
|  | [Edit Edit](http://localhost/phpmyadmin/index.php) | [Copy Copy](http://localhost/phpmyadmin/index.php) | [Delete Delete](http://localhost/phpmyadmin/index.php) | 2 | 3 | 4 | 2025-07-02 |  |  |  |  |
|  | [Edit Edit](http://localhost/phpmyadmin/index.php) | [Copy Copy](http://localhost/phpmyadmin/index.php) | [Delete Delete](http://localhost/phpmyadmin/index.php) | 3 | 5 | 6 | 2025-07-03 |  |  |  |  |
|  | [Edit Edit](http://localhost/phpmyadmin/index.php) | [Copy Copy](http://localhost/phpmyadmin/index.php) | [Delete Delete](http://localhost/phpmyadmin/index.php) | 4 | 7 | 8 | 2025-07-04 |  |  |  |  |
|  | [Edit Edit](http://localhost/phpmyadmin/index.php) | [Copy Copy](http://localhost/phpmyadmin/index.php) | [Delete Delete](http://localhost/phpmyadmin/index.php) | 5 | 9 | 10 | 2025-07-05 |  |  |  |  |
|  | [Edit Edit](http://localhost/phpmyadmin/index.php) | [Copy Copy](http://localhost/phpmyadmin/index.php) | [Delete Delete](http://localhost/phpmyadmin/index.php) | 6 | 11 | 12 | 2025-07-06 |  |  |  |  |
|  | [Edit Edit](http://localhost/phpmyadmin/index.php) | [Copy Copy](http://localhost/phpmyadmin/index.php) | [Delete Delete](http://localhost/phpmyadmin/index.php) | 7 | 13 | 14 | 2025-07-07 |  |  |  |  |
|  | [Edit Edit](http://localhost/phpmyadmin/index.php) | [Copy Copy](http://localhost/phpmyadmin/index.php) | [Delete Delete](http://localhost/phpmyadmin/index.php) | 8 | 1 | 3 | 2025-07-08 |  |  |  |  |
|  | [Edit Edit](http://localhost/phpmyadmin/index.php) | [Copy Copy](http://localhost/phpmyadmin/index.php) | [Delete Delete](http://localhost/phpmyadmin/index.php) | 9 | 2 | 5 | 2025-07-09 |  |  |  |  |
|  | [Edit Edit](http://localhost/phpmyadmin/index.php) | [Copy Copy](http://localhost/phpmyadmin/index.php) | [Delete Delete](http://localhost/phpmyadmin/index.php) | 10 | 4 | 6 | 2025-07-10 |  |  |  |  |

Message TABLE:

CREATE TABLE message(message\_id bigint PRIMARY KEY AUTO\_INCREMENT, room\_id int REFERENCES rooms(room\_id), sent\_by int REFERENCES users(user\_id), message\_date datetime, message VARCHAR(230) NOT null )

INSERT INTO message (room\_id, sent\_by, message\_date, message) VALUES

(1, 1, '2025-07-10 10:00:00', 'Hello, how are you?'),

(1, 2, '2025-07-10 10:01:00', 'I am good, thank you!'),

(2, 3, '2025-07-10 11:15:00', 'Are we still on for the meeting?'),

(2, 4, '2025-07-10 11:16:00', 'Yes, see you at 3 PM.'),

(3, 5, '2025-07-10 12:00:00', 'Please send the documents.');

| **[Full texts](http://localhost/phpmyadmin/index.php)** | | | | [**message\_id**](http://localhost/phpmyadmin/index.php?route=/sql&db=mydb&table=message&sql_query=SELECT+%2A+FROM+%60message%60++%0AORDER+BY+%60message%60.%60message_id%60+ASC&sql_signature=12b032386e3713adfd36422ad88b375e5ec9e8df96d1b3cde55b37f71f2e8930&session_max_rows=25&is_browse_distinct=0) | [**room\_id**](http://localhost/phpmyadmin/index.php?route=/sql&db=mydb&table=message&sql_query=SELECT+%2A+FROM+%60message%60++%0AORDER+BY+%60message%60.%60room_id%60+ASC&sql_signature=917b72c8fbee4afe90dc921195de1060fc127a9503c088f1a4dc0c77c3ce555b&session_max_rows=25&is_browse_distinct=0) | [**sent\_by**](http://localhost/phpmyadmin/index.php?route=/sql&db=mydb&table=message&sql_query=SELECT+%2A+FROM+%60message%60++%0AORDER+BY+%60message%60.%60sent_by%60+ASC&sql_signature=d15c49e40b2eb77b9312215b0bd68fc2ca60c5e7fe8e7d1c1c7b7880b97577ac&session_max_rows=25&is_browse_distinct=0) | [**message\_date**](http://localhost/phpmyadmin/index.php?route=/sql&db=mydb&table=message&sql_query=SELECT+%2A+FROM+%60message%60++%0AORDER+BY+%60message%60.%60message_date%60+DESC&sql_signature=cc3829cf6cc8356e9203cd852e6348243548418147174aa1d7fcadb680147f34&session_max_rows=25&is_browse_distinct=0) | [**message**](http://localhost/phpmyadmin/index.php?route=/sql&db=mydb&table=message&sql_query=SELECT+%2A+FROM+%60message%60++%0AORDER+BY+%60message%60.%60message%60+ASC&sql_signature=441b289ebe281e5f53885d5d3b6e7bb155c1c0eb017e748f9dca95cb582fff41&session_max_rows=25&is_browse_distinct=0) |  | | | |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | [Edit Edit](http://localhost/phpmyadmin/index.php) | [Copy Copy](http://localhost/phpmyadmin/index.php) | [Delete Delete](http://localhost/phpmyadmin/index.php) | 1 | 1 | 1 | 2025-07-10 10:00:00 | Hello, how are you? |  |  |  |  |
|  | [Edit Edit](http://localhost/phpmyadmin/index.php) | [Copy Copy](http://localhost/phpmyadmin/index.php) | [Delete Delete](http://localhost/phpmyadmin/index.php) | 2 | 1 | 2 | 2025-07-10 10:01:00 | I am good, thank you! |  |  |  |  |
|  | [Edit Edit](http://localhost/phpmyadmin/index.php) | [Copy Copy](http://localhost/phpmyadmin/index.php) | [Delete Delete](http://localhost/phpmyadmin/index.php) | 3 | 2 | 3 | 2025-07-10 11:15:00 | Are we still on for the meeting? |  |  |  |  |
|  | [Edit Edit](http://localhost/phpmyadmin/index.php) | [Copy Copy](http://localhost/phpmyadmin/index.php) | [Delete Delete](http://localhost/phpmyadmin/index.php) | 4 | 2 | 4 | 2025-07-10 11:16:00 | Yes, see you at 3 PM. |  |  |  |  |
|  | [Edit Edit](http://localhost/phpmyadmin/index.php) | [Copy Copy](http://localhost/phpmyadmin/index.php) | [Delete Delete](http://localhost/phpmyadmin/index.php) | 5 | 3 | 5 | 2025-07-10 12:00:00 | Please send the documents. |  |  |  |  |