

EXPERIMENT NO. 12

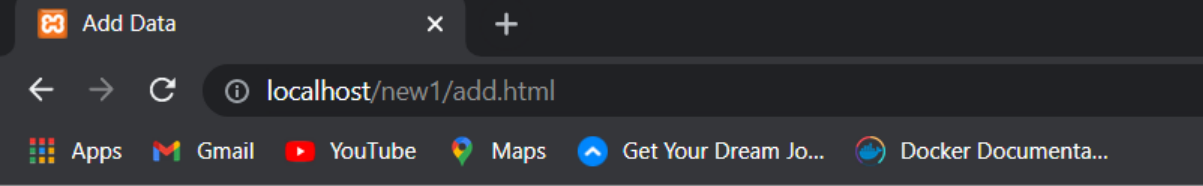
Perform CRUD operations in MongoDB in a registration form

Registration form

```
<html>
<head>
  <title>Add Data</title>
</head>
<body>
  <a href="index2.php">Home</a>
  <br/><br/>
  <form action="add.php" method="post" name="form1">
    <table width="25%" border="0">
      <tr>
        <td>Name</td>
        <td><input type="text" name="name"></td>
      </tr>
      <tr>
        <td>Age</td>
        <td><input type="text" name="age"></td>
      </tr>
      <tr>
        <td>Email</td>
        <td><input type="text" name="email"></td>
      </tr>
      <tr>
        <td></td>
        <td><input type="submit" name="Submit" value="Add"></td>
      </tr>
    </table>
  </form>
</body>
</html>
```

Result

In Browser



Home

Name

Age

Email

C-Create Connection

//connectioncrude.php

<?php

require 'vendor/autoload.php';

\$connection = (new MongoDB\Client);

echo "\$connection";

\$db=\$connection->user2;

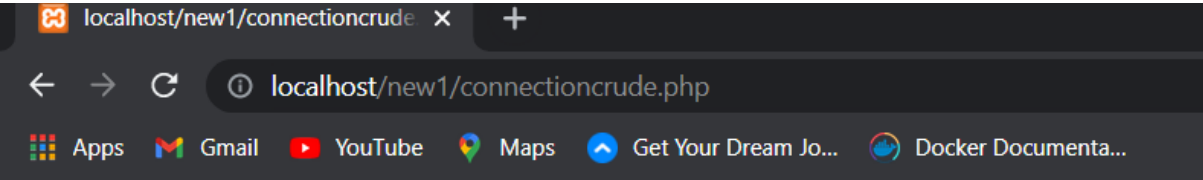
echo "\$db";

\$collection=\$db->details;

?>

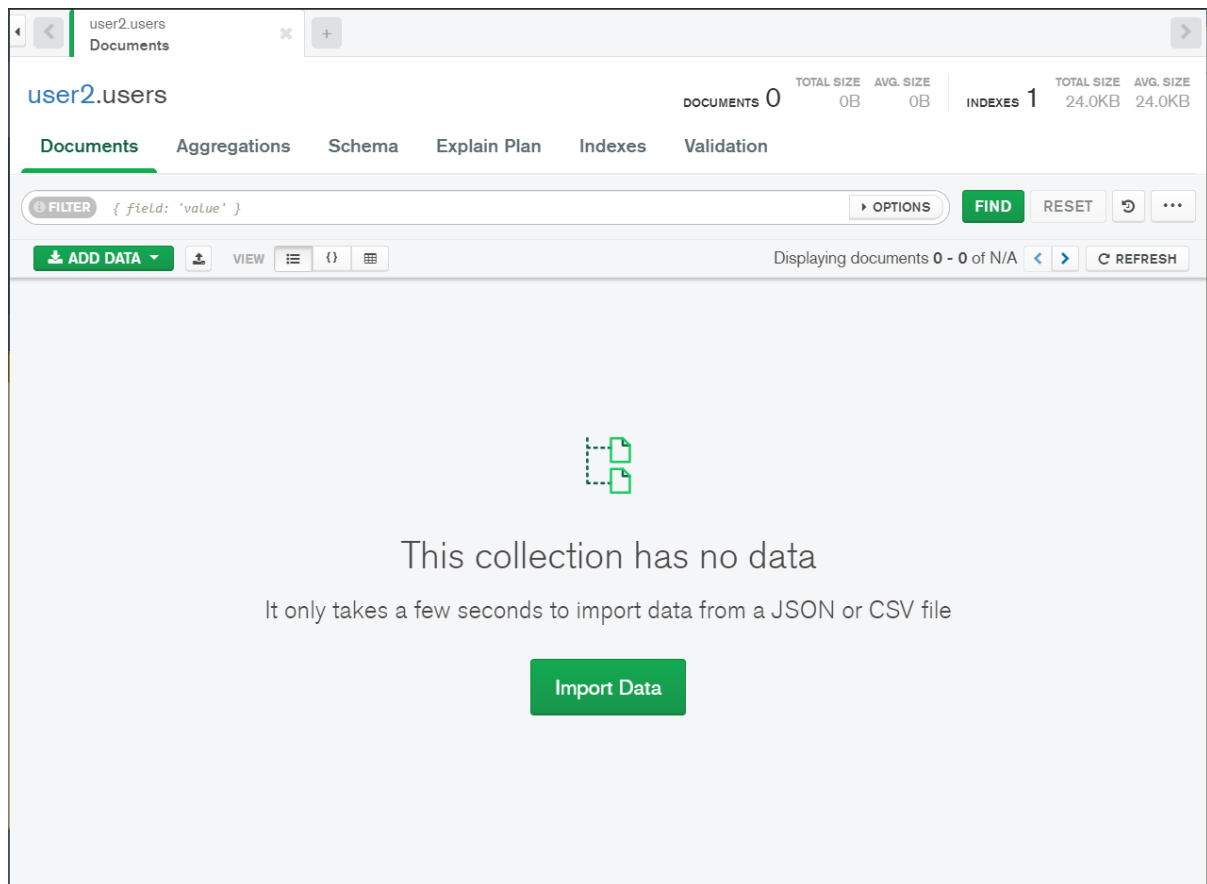
Result

In Browser



mongodb://127.0.0.1/user2

In MongoDB Compass



Insert Values

```
//add.php
```

```
<html>
```

```
<head>
```

```
    <title>Add Data</title>
```

```
</head>
```

```
<body>
```

```
<?php
```

```
include_once("connectioncrude.php");
```

```
if(isset($_POST['Submit'])) {
```

```
    $user = array (
```

```
        'name' => $_POST['name'],
```

```
        'age' => $_POST['age'],
```

```

        'email' => $_POST['email']

    );

    $db->users->insertOne($user);

    echo "<font color='green'>Data added successfully.";
    echo "<br/><a href='index2.php'>View Result</a>";

}

?>

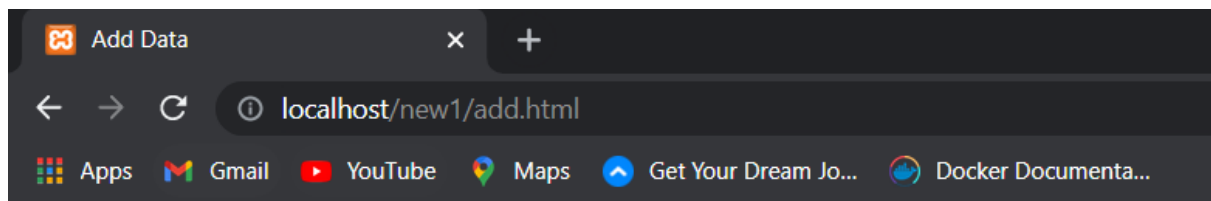
</body>

</html>

```

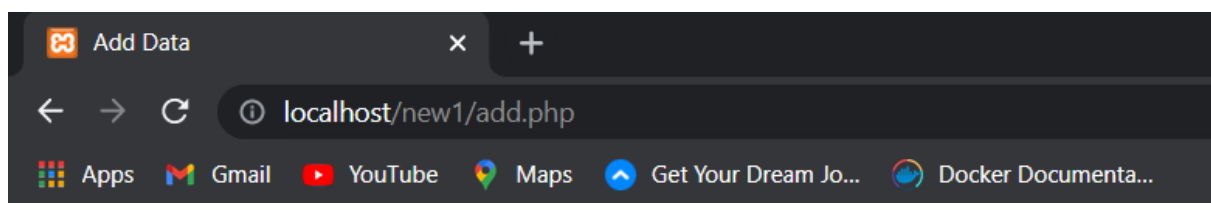
Result

In Browser



[Home](#)

Name	<input type="text" value="Ammu"/>
Age	<input type="text" value="15"/>
Email	<input type="text" value="ammu@gmail.com"/>
	<input type="button" value="Add"/>



mongodb://127.0.0.1/user2Data added successfully.
[View Result](#)

In MongoDB Compass

user2.users

DOCUMENTS 1 TOTAL SIZE 75B AVG. SIZE 75B INDEXES 1 TOTAL SIZE 24.0KB AVG. SIZE 24.0KB

Documents Aggregations Schema Explain Plan Indexes Validation

FILTER { field: 'value' } OPTIONS FIND RESET ↺ ...

ADD DATA VIEW {}

Displaying documents 1 - 5 of 5 REFRESH

	_id ObjectId	name String	age String	email String
1	615b17e1e82200002b00004b	"Ammu"	"15"	"ammu@gmail.com"
2	615b199be82200002b000050	"Ajin"	"19"	"ajin@gmail.com"
3	615b19b5e82200002b000051	"Meenu"	"78"	"meenu@gmail.com"
4	615b19dae82200002b000052	"Athira"	"18"	"athira@gmail.com"
5	615b19fce82200002b000053	"Sini"	"20"	"sini@gmail.com"

R-Read

```
//index2.php
```

```
<?php
```

```
include_once("connectioncrude.php");
```

```
$result = $db->users->find();
```

```
?>
```

```
<html>
```

```
<head>
```

```
    <title>Homepage</title>
```

```
</head>
```

```
<body>
```

```
<a href="add.html">Add New Data</a><br/><br/>
```

```
    <table width='80%' border=0>
```

```
        <tr bgcolor='#CCCCCC'>
```

```
            <td>Name</td>
```

```

        <td>Age</td>

        <td>Email</td>

        <td>Update</td>

    </tr>

<?php
foreach ($result as $res) {
    echo "<tr>";
    echo "<td>".$res['name']."</td>";
    echo "<td>".$res['age']."</td>";
    echo "<td>".$res['email']."</td>";

    echo "<td><a href=\"edit.php?id=$res[_id]\">Edit</a> | <a
href=\"delete.php?id=$res[_id]\" onClick=\"return confirm('Are you sure you
want to delete?')\">Delete</a></td>";

    }
?>

</table>

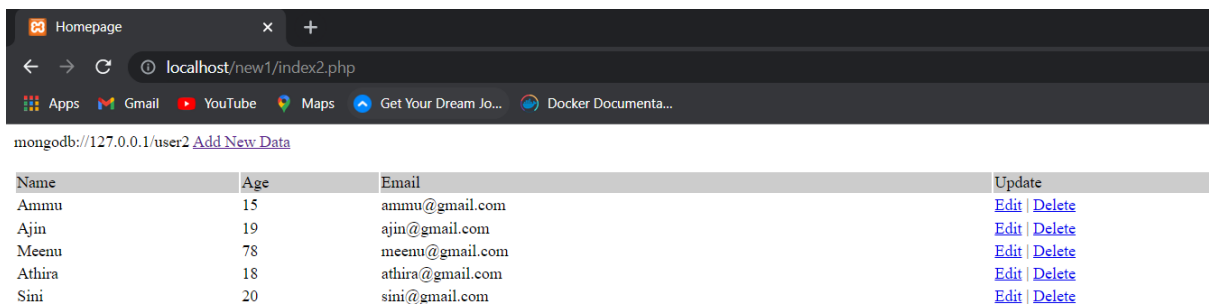
</body>

</html>

```

Result

In Browser



The screenshot shows a web browser window with the address bar displaying 'localhost/new1/index2.php'. Below the browser window, a table displays data from a MongoDB database. The table has four columns: Name, Age, Email, and Update. The 'Update' column contains links for 'Edit' and 'Delete' for each row.

Name	Age	Email	Update
Ammu	15	ammu@gmail.com	Edit Delete
Ajin	19	ajin@gmail.com	Edit Delete
Meenu	78	meenu@gmail.com	Edit Delete
Athira	18	athira@gmail.com	Edit Delete
Sini	20	sini@gmail.com	Edit Delete

U-Update

```
//edit.php
```

```
<?php
```

```
include_once("connectioncrude.php");
```

```
if(isset($_POST['update']))
```

```
{
```

```
    $id = $_POST['id'];
```

```
    $name1 = $_POST['name'];
```

```
    $age1 = $_POST['age'];
```

```
    $email1 = $_POST['email'];
```

```
        $db->users->updateOne(
```

```
            ['_id' => new MongoDB\BSON\ObjectID($id)],
```

```
            ['$set' => ['name' => $name1, 'age' => $age1, 'email' =>
```

```
$email1,]]);
```

```
            header("Location: index2.php");
```

```
}
```

```
?>
```

```
<?php
```

```
$id = $_GET['id'];
```

```
$result = $db->users->findOne(['_id' => new  
MongoDB\BSON\ObjectID($id)]);
```

```
$name = $result['name'];
```

```
$age = $result['age'];
```

```
$email = $result['email'];
```

```
?>
```

```
<html>
```

```
<head>
```

```
    <title>Edit Data</title>
```

```
</head>
```

```
<body>
```

```
    <a href="index2.php">Home</a>
```

```
    <br/><br/>
```

```
    <form name="form1" method="post" action="edit.php">
```

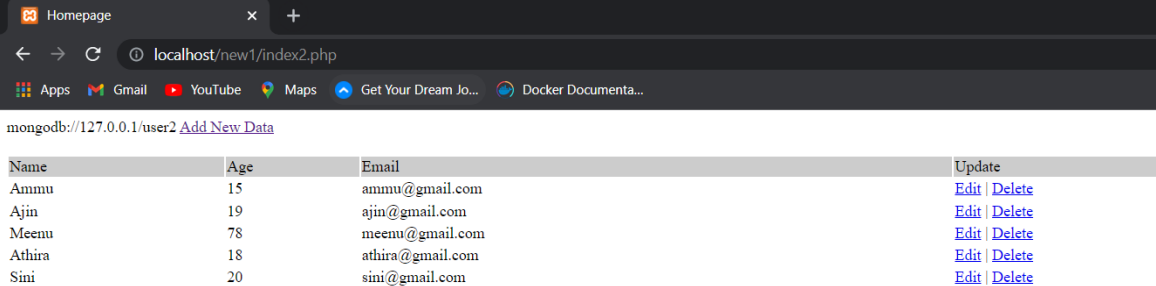
```

<table border="0">
    <tr>
        <td>Name</td>
        <td><input type="text" name="name"
value="<?php echo $name;?>"></td>
    </tr>
    <tr>
        <td>Age</td>
        <td><input type="text" name="age"
value="<?php echo $age;?>"></td>
    </tr>
    <tr>
        <td>Email</td>
        <td><input type="text" name="email"
value="<?php echo $email;?>"></td>
    </tr>
    <tr>
        <td><input type="hidden" name="id"
value=<?php echo $_GET['id'];?>></td>
        <td><input type="submit" name="update"
value="Update"></td>
    </tr>
</table>
</form>
</body>
</html>

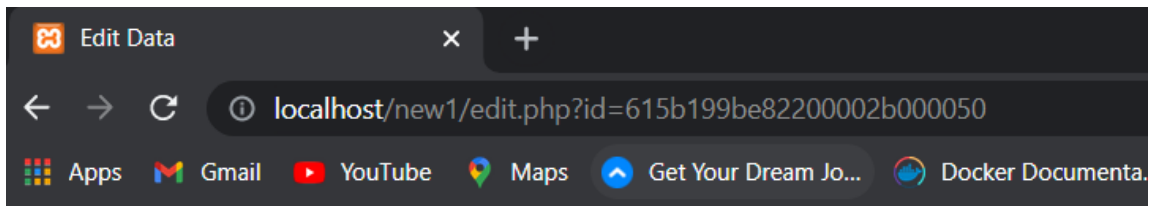
```

Result

In Browser



Name	Age	Email	Update
Ammu	15	ammu@gmail.com	Edit Delete
Ajin	19	ajin@gmail.com	Edit Delete
Meenu	78	meenu@gmail.com	Edit Delete
Athira	18	athira@gmail.com	Edit Delete
Sini	20	sini@gmail.com	Edit Delete

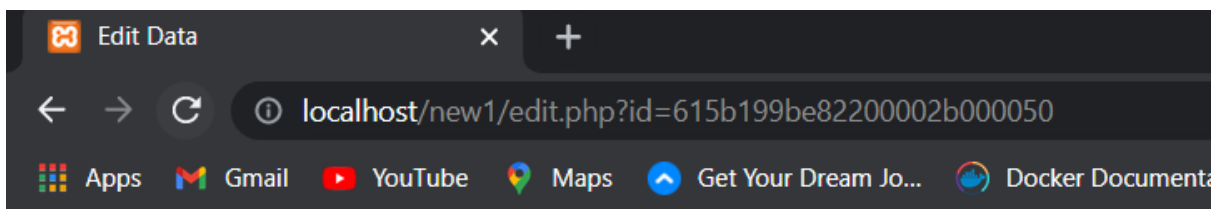


mongodb://127.0.0.1/user2 [Home](#)

Name

Age

Email

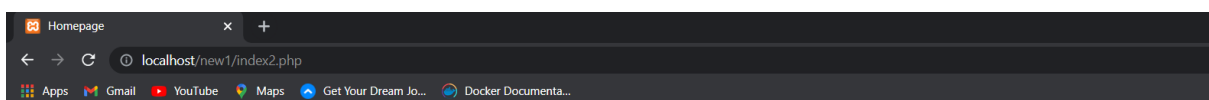


mongodb://127.0.0.1/user2 [Home](#)

Name

Age

Email



mongodb://127.0.0.1/user2 [Add New Data](#)

Name	Age	Email	Update
Ammu	15	ammu@gmail.com	Edit / Delete
Manu	30	manu@gmail.com	Edit / Delete
Meenu	78	meenu@gmail.com	Edit / Delete
Athira	18	athira@gmail.com	Edit / Delete
Sini	20	sini@gmail.com	Edit / Delete

In MongoDB Compass

user2.users

DOCUMENTS 1 TOTAL SIZE 75B AVG. SIZE 75B INDEXES 1 TOTAL SIZE 24.0KB AVG. SIZE 24.0KB

Documents Aggregations Schema Explain Plan Indexes Validation

FILTER { field: 'value' } OPTIONS FIND RESET

ADD DATA VIEW

Displaying documents 1 - 5 of 5 REFRESH

	_id ObjectId	name String	age String	email String
1	615b17e1e8220002b00004b	"Ammu"	"15"	"ammu@gmail.com"
2	615b199be8220002b000050	"Manu"	"30"	"manu@gmail.com"
3	615b19b5e8220002b000051	"Meenu"	"78"	"meenu@gmail.com"
4	615b19dae8220002b000052	"Athira"	"18"	"athira@gmail.com"
5	615b19fce8220002b000053	"Sini"	"20"	"sini@gmail.com"

D-Delete

//delete.php

<?php

```
include("connectioncrude.php");
```

```
$id = $_GET['id'];
```

```
echo $id;
```

```
$db->users->deleteOne(['_id' => new MongoDB\BSON\ObjectID($id)]);
```

```
header("Location:index2.php");
```

```
?>
```

Result

In Browser

Homepage

localhost/new1/index2.php

mongodb://127.0.0.1/user2 Add New Data

| Name | Age | Email |
|--------|-----|------------------|
| Ammu | 15 | ammu@gmail.com |
| Manu | 30 | manu@gmail.com |
| Meenu | 78 | meenu@gmail.com |
| Athira | 18 | athira@gmail.com |
| Sini | 20 | sini@gmail.com |

localhost says
Are you sure you want to delete?

OK Cancel

Edit Delete
Edit Delete
Edit Delete

Homepage x +

localhost/new1/index2.php

Apps Gmail YouTube Maps Get Your Dream Jo... Docker Documenta...

mongodb://127.0.0.1/user2 [Add New Data](#)

| Name | Age | Email | Update |
|-------|-----|-----------------|---|
| Ammu | 15 | ammu@gmail.com | Edit Delete |
| Manu | 30 | manu@gmail.com | Edit Delete |
| Meenu | 78 | meenu@gmail.com | Edit Delete |
| Sini | 20 | sini@gmail.com | Edit Delete |

In Mongodb Compass

user2.users Documents

user2.users DOCUMENTS 1 TOTAL SIZE 75B AVG. SIZE 75B INDEXES 1 TOTAL SIZE 24.0KB AVG. SIZE 24.0KB

Documents Aggregations Schema Explain Plan Indexes Validation

FILTER { field: 'value' } **OPTIONS** **FIND** **RESET** **REFRESH**

ADD DATA **VIEW** **REFRESH**

Displaying documents 1 - 4 of 4

| | _id ObjectId | name String | age String | email String |
|---|--------------------------|-------------|------------|-------------------|
| 1 | 615b17e1e82200002b00004b | "Ammu" | "15" | "ammu@gmail.com" |
| 2 | 615b199be82200002b000050 | "Manu" | "30" | "manu@gmail.com" |
| 3 | 615b19b5e82200002b000051 | "Meenu" | "78" | "meenu@gmail.com" |
| 4 | 615b19fce82200002b000053 | "Sini" | "20" | "sini@gmail.com" |