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S2RMCA-A

Roll no:32

**1)Collection Creation in mongodb**

```php
<?php

require 'vendor/autoload.php';

$m = new MongoDB\Client("mongodb://localhost:27017");

  // connect to mongodb

 echo "Connection to database successfully";

  // select a database

 $db = $m->srudent;

 echo "Database sample selected";


 $collection = $db->createCollection("person");

 echo "Collection created succsessfully";

?>
```
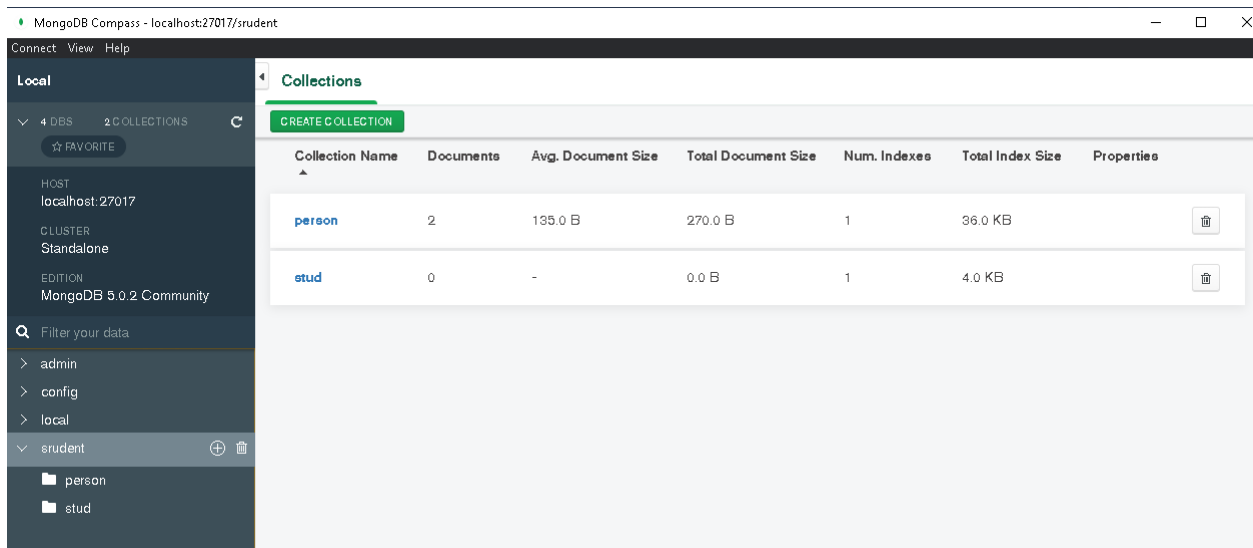
**Output**

# Index of /mongodb

| Name | Last modified | Size | Description |
|------|---------------|------|-------------|
| Parent Directory | | - | |
| collectioncreated.php | 2021-09-27 07:39 | 373 | |
| composer.json | 2021-09-20 12:43 | 63 | |
| composer.lock | 2021-09-20 12:43 | 7.9K | |
| inserion.php | 2021-09-27 07:43 | 604 | |
| registration.php | 2021-09-27 07:30 | 2.9K | |
| select.php | 2021-09-27 07:30 | 1.2K | |
| vendor/ | 2021-09-20 12:44 | - | |

*Apache/2.4.48 (Win64) OpenSSL/1.1.11 PHP/8.0.10 Server at localhost Port 80*

**2)Insertion in mongodb**

```php
<?php
  // connect to mongodb
  require 'vendor/autoload.php';




$m = new MongoDB\Client("mongodb://localhost:27017");
  echo "Connection to database successfully";



  $db = $m->srudent;
  echo "Database mydb selected";
  $collection = $db->person;
```

```php
    echo "Collection selected succsessfully";


    $document = array(

        "title" => "class",

        "description" => "students",

        "likes" => 1000,

        "url" => "http://www.apple.com/mongodb/",

        "by" => "apple"

    );


    $collection->insertOne($document);

    echo "Document inserted successfully";

?>
```

**Output**



**3) Select**

```php
<?php

    require 'vendor/autoload.php';

    $server = new MongoDB\Client("mongodb://localhost:27017/test");
```

```php
$data  = "<table style='border:1px solid red;";
$data .= "border-collapse:collapse' border='1px'>";
$data .= "<thead>";
$data .= "<tr>";
$data .= "<th>title</th>";
$data .= "<th>description</th>";
$data .= "<th>likes</th>";
$data .= "<th>url</th>";
$data .= "<th>by</th>";
$data .= "</tr>";
$data .= "</thead>";
$data .= "<tbody>";

try{
    $db = $server->srudent;
    $collection = $db->person;
    $cursor = $collection->find();
    foreach($cursor as $document){
        $data .= "<tr>";
        $data .= "<td>" . $document["title"] . "</td>";
        $data .= "<td>" . $document["description"]."</td>";
        $data .= "<td>" . $document["likes"]."</td>";
        $data .= "<td>" . $document["url"]."</td>";
        $data .= "<td>" . $document["by"]."</td>";
        $data .= "</tr>";
```

```php
        }
        $data .= "</tbody>";

        $data .= "</table>";

        echo $data;


    }catch(MongoException $mongoException){

        print $mongoException;

        exit;

    }
```

**4)Create users**

```php
<?php
  // connect to mongodb
  require 'vendor/autoload.php';




$m = new MongoDB\Client("mongodb://localhost:27017");

  echo "Connection to database successfully";



  $db = $m->srudent;

  echo "Database mydb selected";

  $collection = $db->person;

  echo "Collection selected successfully";
?>
<!DOCTYPE html>
 <html lang="en">
```
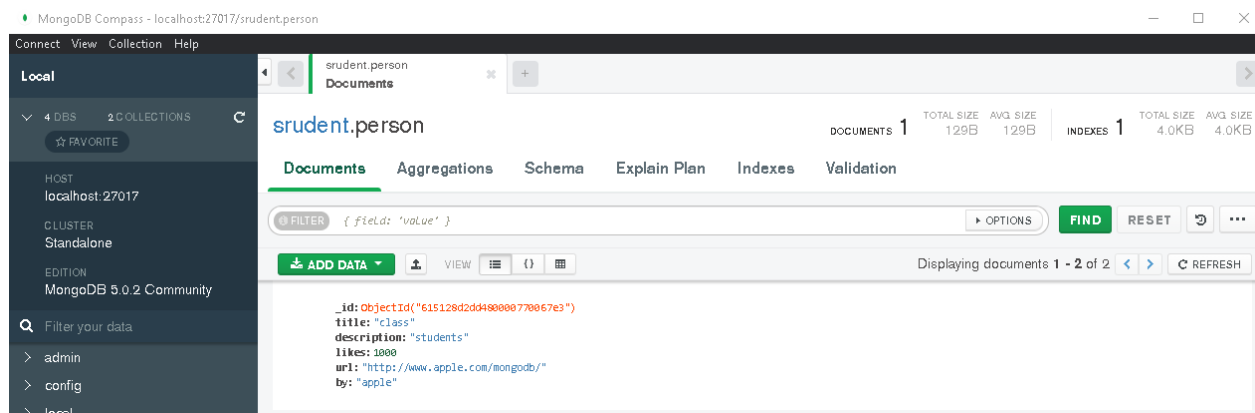
```html
<head>

  <style>
    body{
      margin-left: 35%;
      margin-right:35% ;
    }
    .wrapper{
      background-color: aliceblue;
      align-items: center;
      padding-left: 20%;
      padding-right: 20%;
      padding-top: 5%;
      margin-top: 20%;
      padding-bottom: 10%;
    }
    form{
      justify-self: center;


    }
    label{
     float: left;
    }
    input{
     float: right;
    }
    select{
     float: right;
     padding-left: 35px;
```

```css
    padding-right: 55px;

  }

  .gen input{

    float: right;

    margin-left: 50%;

    text-align: right;

  }

  .gen label{

    float: left;

  }

  .custom_select select{

    padding-left: 20px;

  }

</style>

</head>
```

```html
<body>


<div class="wrapper">

    <h1>Registration Form </h1>

    <form name="myform" action="registration.php" method="POST" onsubmit="return(validate());"
enctype="multipart/form-data">


      <label>First Name</label>

      <input type="text"  name="firstname" class="input">

      <br><br>

      <label>Last Name</label>

      <input type="text" name="lastname" class="input">

      <br><br>

      <label>Username</label>
```

```html
        <input type="text" name="username"  class="input">

        <br><br>

        <label> Password</label>

        <input type="password" name="password" class="input">

        <br><br>

        <label>email</label>

        <input type="email" name="email" class="input">

        <br><br>

        <input type = "submit" value = "submit" name="click" class="btn">


      </div>

  </form>

</div>


</body>
</html>


<?php
  if(isset($_POST["click"])){


    $fname=$_POST["firstname"];


    $lname=$_POST["lastname"];

    $user=$_POST["username"];

    $pwd=$_POST["password"];



    $emp=$_POST["email"];
```

```php
    $document = array(

     "Firstname" => "$fname",

     "Lastname" => "$lname",

     "Username" => "$user",

     "Password" => "$pwd",

     "Email" => " $emp"

    );


    $collection->insertOne($document);


  }
?>
```

OUTPUT

Connection to database successfullyDatabase mydb selectedCollection selected successfully

# Registration Form

First Name     arathi

Last Name     h

Username      arathi@gmail.com

Password      ........

email         arathi@gmail.com

submit

# srudent.person

DOCUMENTS **1**  TOTAL SIZE 129B  AVG SIZE 129B  INDEXES **1**  TOTAL SIZE 4.0KB  AVG 4.0

**Documents**   Aggregations   Schema   Explain Plan   Indexes   Validation

FILTER  `{ field: 'value' }`   ▸ OPTIONS   **FIND**   RESET   ⟲

⬇ ADD DATA ▼   ⬆   VIEW  ☰  {}  ⊞   Displaying documents **1 - 4** of 4  ⟨ ⟩  ⟲ REFRE

```
_id: ObjectId("615129c0dd480000770067e4")
Firstname: "yytrt"
Lastname: "jgug"
Username: "avani@gmail.com"
Password: "12345678"
Email: " ava@gmail.com"
```

```
_id: ObjectId("615130bddd480000770067e6")
title: "class"
description: "students"
likes: 1000
url: "http://www.apple.com/mongodb/"
by: "apple"
```

```
_id: ObjectId("61513220dd480000770067e7")
Firstname: "ANIL"
Lastname: "KUMAR"
Username: "ANIL@gmail.com"
Password: "12345678"
Email: " anil@gmail.com"
```

Activate Windows