

Lab #11(a)

Lab#11(a) Implement Insert Operation with GUI to add new details of book in book inventory

COMMAND USED	ATTRIBUTES USED	DESCRIPTION
Artisan	make:controller, make:model, make:migration, serve	In Laravel, Artisan is a command-line tool that provides a wide range of commands for various tasks related to the development and management of Laravel applications. Artisan simplifies common development tasks by automating them through command-line commands.

Final Outcome:



Add Book

Name

Author

Year

ISBN



10	Moby-Dick	Herman Melville	0000	978990		
11	The Alchemist	Paulo Coelho	1988	611204		
12	Harry Potter and the Philosopher's Stone	J.K. Rowling	1997	978266		
13	The Odyssey	Homer	0000	978012		
14	added_book	added_author	2089	9090883		

<input type="checkbox"/>				51	Moby-Dick	Herman Melville	0000	978990
<input type="checkbox"/>				52	The Alchemist	Paulo Coelho	1988	611204
<input type="checkbox"/>				53	Harry Potter and the Philosopher's Stone	J.K. Rowling	1997	978266
<input type="checkbox"/>				54	The Odyssey	Homer	0000	978012
<input type="checkbox"/>				55	added_book	added_author	2089	9090883

Code snippet:

addbook.blade.php

```
<!doctype html>

<html lang="en">

<head>

<title>Title</title>

<!-- Required meta tags -->

<meta charset="utf-8">

<meta name="viewport" content="width=device-width, initial-scale=1, shrink-to-fit=no">

<!-- Bootstrap CSS v5.2.1 -->

<link href="https://cdn.jsdelivr.net/npm/bootstrap@5.2.1/dist/css/bootstrap.min.css" rel="stylesheet"

    integrity="sha384-iYQeCzEYFbKjA/T2uDLTpkwGzCiq6soy8tYaI1GyVh/UjpbCx/TYkiZhlZB6+fzT"

    crossorigin="anonymous">

</head>

<body>

<header>

<!-- place navbar here -->

</header>

<main>

</main>

<footer>

<!-- place footer here -->

</footer>

<!-- Bootstrap JavaScript Libraries -->

<script src="https://cdn.jsdelivr.net/npm/@popperjs/core@2.11.6/dist/umd/popper.min.js"

    integrity="sha384-oBqDVmMz9ATKxIep9tiCxS/Z9fNfEXiDAYTujMAeBAsjFuCZSmKbSSUnQlhm/jp3"

    crossorigin="anonymous">

</script>

<script src="https://cdn.jsdelivr.net/npm/bootstrap@5.2.1/dist/js/bootstrap.min.js"

    integrity="sha384-7VPbUDkoPSGFnVtYi0QogXtr74QeVeels99Qfg5YCF+TidwNdjvaKZX19NZ/e6oz"

    crossorigin="anonymous">
```

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```
</script>
<div class="container mx-auto w-50 rounded m-5 p-5 bg-dark text-white">
  <h2 class="text-center">Add Book</h2>
  <form method="POST" action="{{ $url }}" class="px-4">
    @csrf
    <div class="mb-3">
      <label for="exampleInputEmail1" class="form-label">Name</label>
      <input type="text" value="{{ isset($edit) ? $r[0]->name: "" }}" name="name" autofocus class="form-control"
id="exampleInputEmail1" aria-describedby="emailHelp">
      <span>
    </span>
    </div>
    <div class="mb-3">
      <label for="exampleInputPassword1" class="form-label">Author</label>
      <input type="text" name="author" class="form-control" id="exampleInputPassword1">
    </div>
    <div class="mb-3">
      <label for="exampleInputPassword1" class="form-label">Year</label>
      <input type="text" name="year" class="form-control" id="exampleInputPassword1">
    </div>
    <div class="mb-3">
      <label for="exampleInputPassword1" class="form-label">ISBN</label>
      <input type="text" name="isbn" class="form-control" id="exampleInputPassword1">
    </div>
    <div class="btn d-flex justify-content-center">
      <button type="submit" class="btn btn-primary">Submit</button>
    </div>
  </div></form>
</div>
</body>
```

</html>

DBCONTROLLER.php

<?php

```
namespace App\Http\Controllers;
```

```
use Illuminate\Support\Facades\DB;
```

```
use App\Http\Controllers\Controller;
```

```
use Illuminate\Http\Request;
```

```
class dbcontroller extends Controller
```

```
{
```

```
    public function dbselect(Request $req)
```

```
    {
```

```
        $search=$req['data']??'';
```

```
        if($search!='')
```

```
        {
```

```
            $search=$search.'%';
```

```
            $r=DB::select('select * from bookinfo where name LIKE ?',[ $search]);
```

```
        }
```

```
    else{
```

```
        $r=DB::select('select * from bookinfo');
```

```
    }
```

```
    $data=compact('r','req');
```

```
    return view('view')->with($data);
```

```
}
```

```
    public function delete($id)
```

```
    {
```

```
        $r=DB::delete('delete from bookinfo where id=?',[ $id]);
```

```
        return redirect('/');
```

```
    }
```

```
    public function edit($id,Request $req)
```

```
    {
```



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```
$row_affected=DB::update('update bookinfo set name=?,author=?,year=?,isbn=? where
id=?',[$req['name'],$req['author'],$req['year'],$req['isbn'],$id]);

return redirect('/');

}

public function fetchdata($id)
{
    $r=DB::select('select * from bookinfo where id=?',[$id]);
    $url=url('/edit')..'/'.$id;
    $edit=true;
    $data=compact('r','edit','url');
    return view('add')->with($data);
}
}
```

Lab #11(b)

Lab 11(b): Implement Update Operation in Laravel with GUI.

Final outcome:

| | | | | | | |
|---|-----------------------|-------------------|------|---------|---|---|
| 1 | let us c | yashwant kanedkar | 2004 | 221121 |  |  |
| 2 | To Kill a Mockingbird | Harper Lee | 1960 | 9711200 |  |  |
| 3 | 1984 | George Orwell | 1949 | 978988 |  |  |



Add Book

Name

Author

Year

ISBN





Lab #11(b)

Add Book

Name

Author

Year
 Changing year to 1999

ISBN

| Sr_No | name | Author | Published Year | ISBN | Actions |
|-------|-----------------------|-------------------|----------------|---------|--|
| 1 | let us c | yashwant kanedkar | 2004 | 221121 | <input checked="" type="checkbox"/> <input type="checkbox"/> |
| 2 | To Kill a Mockingbird | Harper Lee | 1999 | 9711200 | <input checked="" type="checkbox"/> <input type="checkbox"/> |

| | | | | id | name | author | year | isbn |
|--------------------------|--|--|--|----|-----------------------|-------------------|------|---------|
| <input type="checkbox"/> | | | | 1 | let us c | yashwant kanedkar | 2004 | 221121 |
| <input type="checkbox"/> | | | | 43 | To Kill a Mockingbird | Harper Lee | 1999 | 9711200 |
| <input type="checkbox"/> | | | | 44 | 1984 | George Orwell | 1949 | 978988 |

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Code snippet:

```
public function edit($id,Request $req)
{

    $row_affected=DB::update('update bookinfo set name=?,author=?,year=?,isbn=? where
id=?',$req['name'],$req['author'],$req['year'],$req['isbn'],$id);

    return redirect('/');
}

public function fetchdata($id)
{

    $r=DB::select('select * from bookinfo where id=?',$id);

    $url=url('/edit').'/.$id;

    $edit=true;

    $data=compact('r','edit','url');

    return view('add')->with($data);
}
```

Web.php

```
<?php

use Illuminate\Support\Facades\Route;
use App\Http\Controllers\dbcontroller;

Route::get('/', [dbcontroller::class,'dbselect']);
Route::get('/add', function()
{
    $url=url('/add');
```




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```
$data=compact('url');  
return view('add')->with($data);  
}  
);  
  
Route::get('/delete/{id}',[dbcontroller::class,'delete']->name('book.delete');  
Route::get('/edit/{id}',[dbcontroller::class,'fetchdata']);  
Route::post('/edit/{id}',[dbcontroller::class,'edit']->name('book.edit');  
Route::post('/add',[dbcontroller::class,'add']));
```