

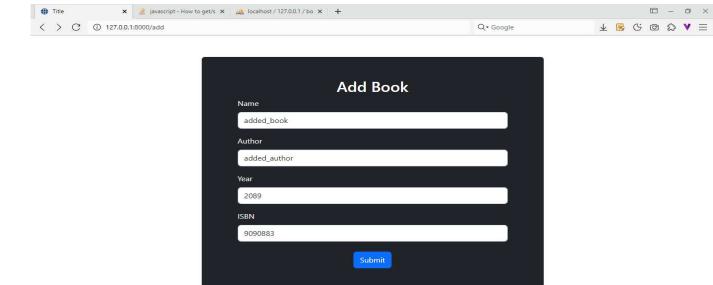
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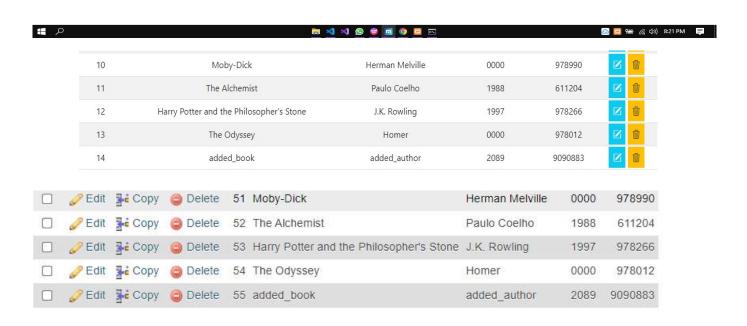
Lab #11(a)

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

Final Outcome:







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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"</pre>
 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"</pre>
 integrity="sha384-oBqDVmMz9ATKxIep9tiCxS/Z9fNfEXiDAYTujMAeBAsjFuCZSmKbSSUnQlmh/jp3"
crossorigin="anonymous">
</script>
<script src="https://cdn.jsdelivr.net/npm/bootstrap@5.2.1/dist/js/bootstrap.min.js"</pre>
  integrity="sha384-7VPbUDkoPSGFnVtYi0QogXtr74QeVeeIs99Qfg5YCF+TidwNdjvaKZX19NZ/e6oz"
crossorigin="anonymous">
```



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Lab #11(a)

```
</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>
```



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Lab #11(a)

</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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Lab #11(a)

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



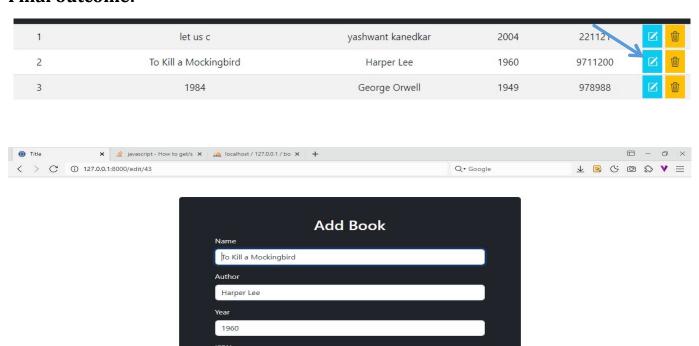
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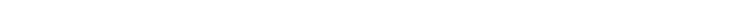
Lab #11(b)

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

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Final outcome:

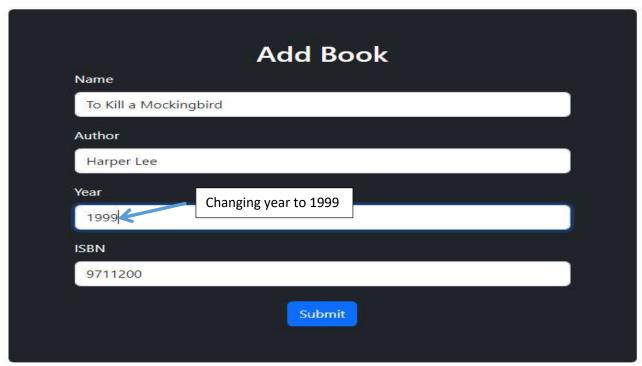






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Lab #11(b)







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Lab #11(b)

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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Lab #11(b)

```
$data=compact('url');
return view('add')->with($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']);
```