


Lab #12(a)










Lab#12(a) Implement Delete Operation in Laravel with GUI.






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:

Sr_No	name	Author	Published Year	ISBN	Actions
1	To Kill a Mockingbird	Harper Lee	1999	9711200	 
2	1984	George Orwell	1949	978988	 
3	The Great Gatsby	F. Scott Fitzgerald	1925	735659	 

Sr_No	name	Author	Published Year	ISBN	Actions
1	1984	George Orwell	1949	978988	 
2	The Great Gatsby	F. Scott Fitzgerald	1925	735659	 
3	Pride and Prejudice	Jane Austen	0000	9143951	 

	id	name	author	year	isbn
<input type="checkbox"/>  Edit  Copy  Delete	43	To Kill a Mockingbird	Harper Lee	1999	9711200
<input type="checkbox"/>  Edit  Copy  Delete	44	1984	George Orwell	1949	978988
<input type="checkbox"/>  Edit  Copy  Delete	45	The Great Gatsby	F. Scott Fitzgerald	1925	735659

	id	name	author	year	isbn
<input type="checkbox"/>  Edit  Copy  Delete	44	1984	George Orwell	1949	978988
<input type="checkbox"/>  Edit  Copy  Delete	45	The Great Gatsby	F. Scott Fitzgerald	1925	735659
<input type="checkbox"/>  Edit  Copy  Delete	46	Pride and Prejudice	Jane Austen	0000	9143951



Code Snippet:
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);
}
}
```

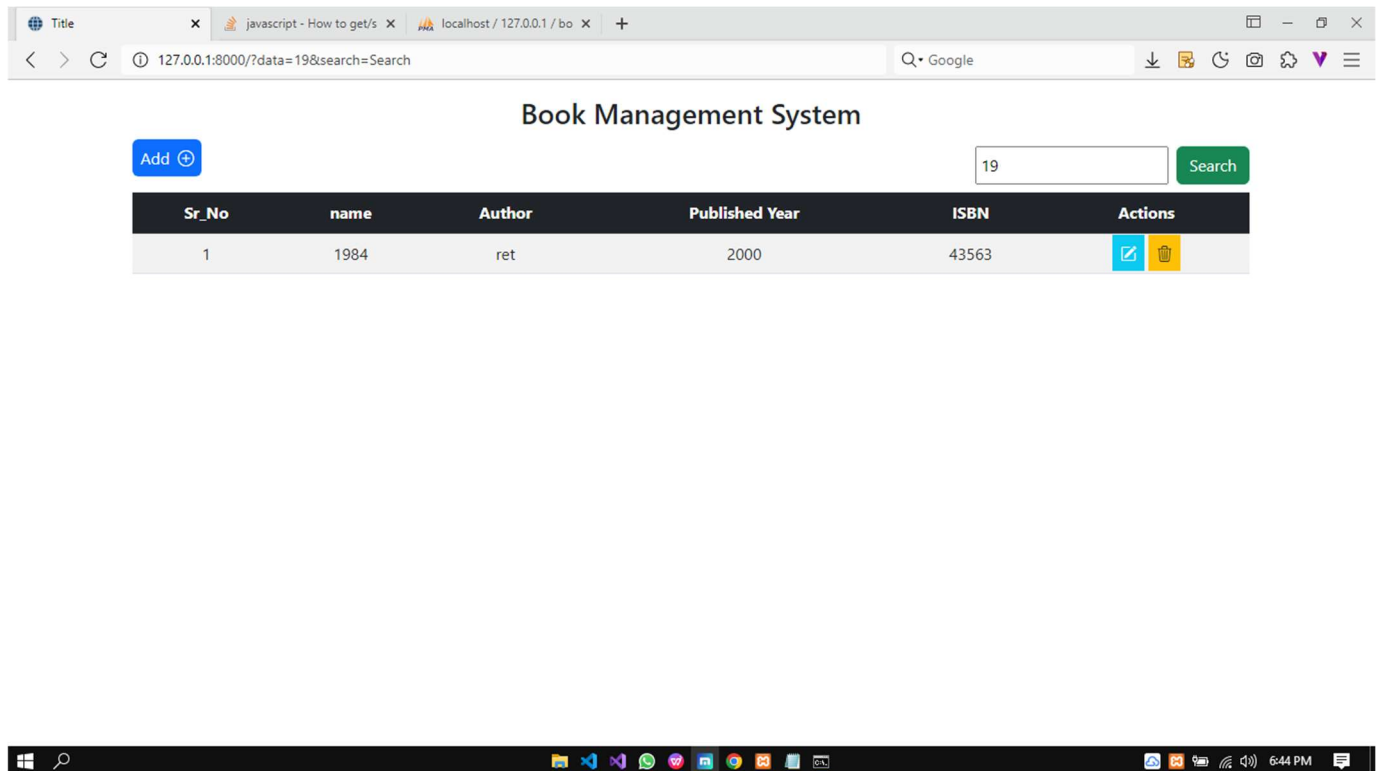
web.php

```
<?php
use Illuminate\Support\Facades\Route;
use App\Http\Controllers\dbcontroller;
Route::get('/', [dbcontroller::class,'dbselect']);
Route::get('/add', function()
{
    $url=url('/add');
    $data=compact('url');
    return view('add')->with($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']);
```

Lab #12(b)

Lab#12(b) Search Operation in Laravel with GUI.

Final outcome:



Searching for a book which starts from '19'

Code snippet:

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']);
```

View.blade.php:

```
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);  
}
```