****

**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)

{

$row\_affected=DB::update('update bookinfo set name=?,author=?,year=?,isbn=? where id=?',[$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');

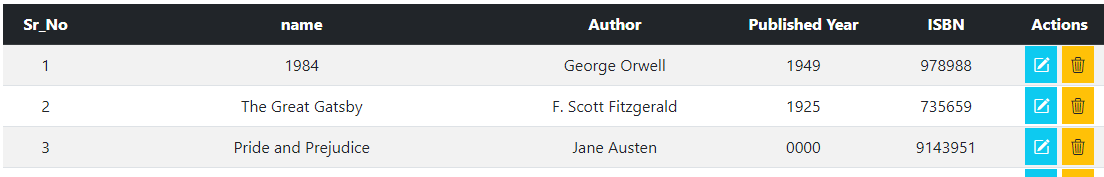
Route::get('/edit/{id}',[dbcontroller::class,'fetchdata']);

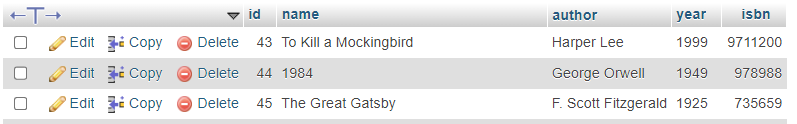
Route::post('/edit/{id}',[dbcontroller::class,'edit'])->name('book.edit');

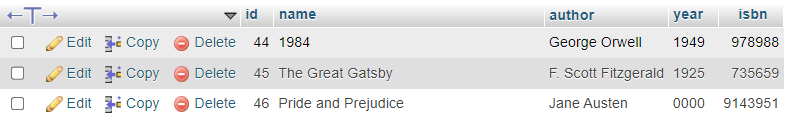
Route::post('/add',[dbcontroller::class,'add']);

**Final outcome:**









**b.Implement Search Operation in Laravel with GUI.**

**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');

$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');

}

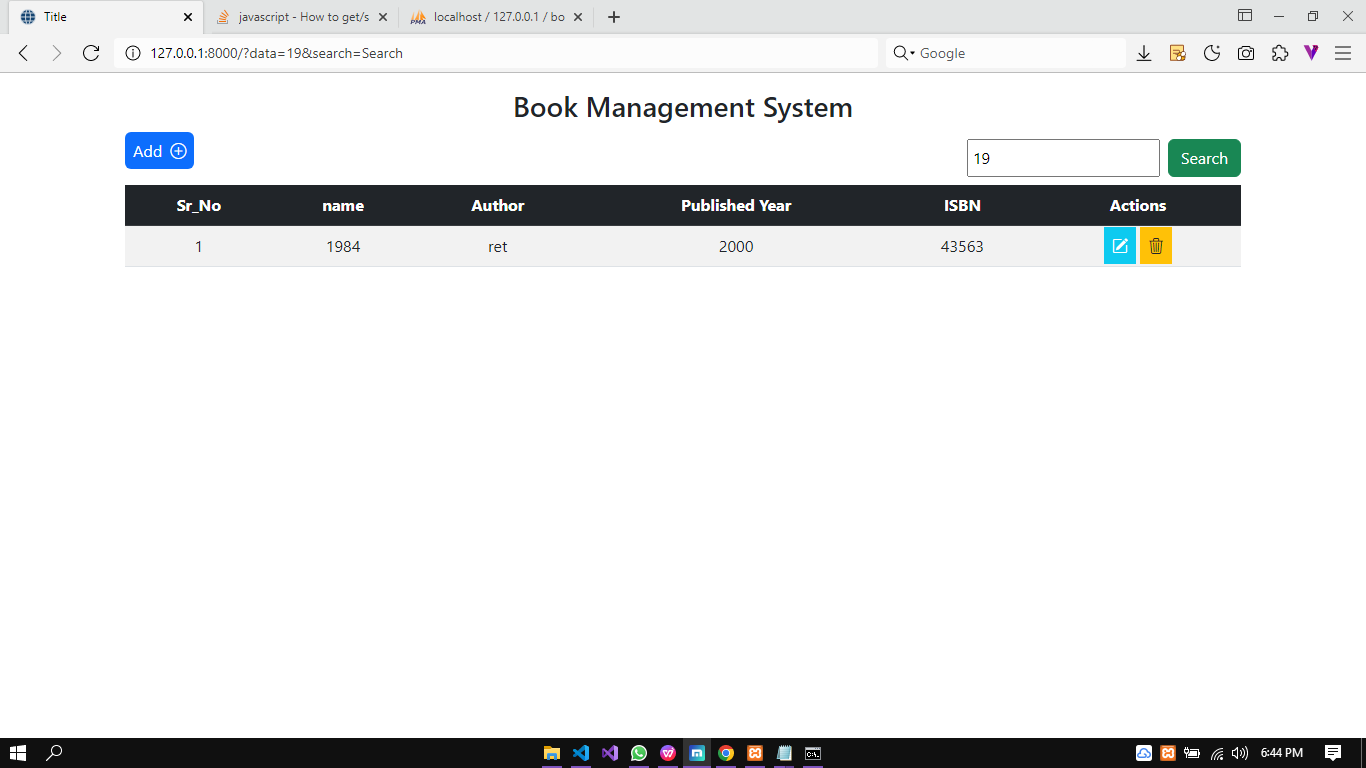
$data=compact('r','req');

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

}

**Final outcome:**

**Searching for a book which starts from ‘19’**

‘****