

Lab #11(a)

Lab #11(a) Implement Insert 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:

Adding a new Bok

Book Title

ISBN no.

Author

Publisher

Edition

☐ Comics
☐ Fiction
☐ History
 Category ☐ Classic
☐ Romance
☒ Horror
☐ Fantasy Fiction

Rack

Total of copy

Price

Book Cover Image

Book Inventory

[Dashboard](#)
[Books](#)
[Issue Book](#)
[User](#)
[Logout](#)

127.0.0.1:8000/books

70%





Search

name@gmail.com | Logout

Books

Add Book

Book added successfully

Image	Title	ISBN No	Author	Publisher	Edition	Category	Rack	Total copy	Price	Action
	Stranger Things	IS8	pop corn	20th Gen	1st Edition	Horror	5	582	Rs. 440	Edit Delete
	Science	IS10	jeqn	clqude series	1st edition	History	3	30	Rs. 3000	Edit Delete
	Molestiae modi offic	IS10	Deleniti dolore odio	Dolore dignissimos s	Sit pariatur Facere	History	5	64	Rs. 999	Edit Delete
	Vel quia enim ullamc	IS12	Autem recusandae Qu	Unde eaque minima de	Officiis nulla paria	FantasyFiction	5	581	Rs. 19	Edit Delete

© 2023 Book Inventory

Lab #11(a)

Code Snippet:

```
<!-- resources/views/books/create.blade.php -->

@extends('layouts.app')

@section('title', 'Create Page')
@section('content')
    <div class="container">
        @if ($errors->any())
            <div class="alert alert-danger">
                <strong>Whoops!</strong> There were some problems with your input.<br><br>
                <ul>
                    @foreach ($errors->all() as $error)
                        <li>{{ $error }}</li>
                    @endforeach
                </ul>
            </div>
        @endif
        <form action="{{ route('books.store') }}" method="POST" enctype="multipart/form-data">
            @csrf
            <div class="mt-3"></div>
            <div class="card"
                style="margin-top:10px; width: 50%; left:0; right: 0; bottom: 0; top: 0; margin: auto; padding-top:
10px">
                <div class="card-body">
                    <h1 class="text-center mb-3">Adding a new Bok</h1>
                    <div class="mb-3 row g-2 align-items-center">
                        <div class="col-auto">
                            <label for="title" class="form-label">Book Title</label>
                        </div>
                        <div class="col-auto">
                            <input type="text" class="form-control" name="title" id="title"
                                placeholder="Enter the book title" required>
                        </div>
                    </div>
                    <div class="mb-3 row g-3 align-items-center">
                        <div class="col-auto">
                            <label for="formGroupExampleInput" class="form-label">ISBN no.</label>
                        </div>
                        <div class="col-auto">
                            <input type="text" class="form-control" name="isbn_no" id="isbn_no"
                                placeholder="Enter the book title" required>
                        </div>
                    </div>
                    <div class="mb-3 row g-4 align-items-center">
                        <div class="col-auto">
                            <label for="author" class="form-label">Author</label>
                        </div>
                    </div>
                </div>
            </div>
        </form>
    </div>
</div>
```



Lab #11(a)

```

<div class="col-auto">
  <input type="text" class="form-control" name="author" id="author"
    placeholder="Enter the author of the book" required>
</div>
</div>
<div class="mb-3 row g-2 align-items-center">
  <div class="col-auto">
    <label for="publisher" class="form-label">Publisher</label>
  </div>
  <div class="col-auto"><input type="text" class="form-control" name="publisher"
id="publisher"
    placeholder="Eg. Amazon publishing">
  </div>
</div>
<div class="mb-3 row g-4 align-items-center">
  <div class="col-auto">
    <label for="edition" class="form-label">Edition</label>
  </div>
  <div class="col-auto"><input type="text" class="form-control" name="edition" id="edition"
    placeholder="Eg. 2nd Edition">
  </div>
</div>
<div class="mb-3 row g-2 align-items-center">
  <div class="col-auto">
    <label for="edition" class="form-label">Category</label>
  </div>
  <div class="col-auto">
    <div class="form-check">
      <input class="form-check-input" type="radio" name="category" id="comics"
value="Comic">
      <label class="form-check-label" for="comics">
        Comics
      </label>
    </div>
    <div class="form-check">
      <div class="col-auto">
        <input class="form-check-input" type="radio" name="category" id="fiction"
value="Fiction">
      </div>
      <label class="form-check-label" for="fiction">
        Fiction
      </label>
    </div>
    <div class="form-check">
      <input class="form-check-input" type="radio" name="category" id="history"
value="History">
      <label class="form-check-label" for="history">
        History

```

Lab #11(a)

```

        </label>
    </div>

    <div class="form-check">
        <input class="form-check-input" type="radio" name="category" id="classic"
value="Classic">
        <label class="form-check-label" for="classic">
            Classic
        </label>
    </div>
    <div class="form-check">
        <input class="form-check-input" type="radio" name="category" id="romance"
value="Romance">
        <label class="form-check-label" for="romance">
            Romance
        </label>
    </div>
    <div class="form-check">
        <input class="form-check-input" type="radio" name="category" id="horror"
value="Horror">
        <label class="form-check-label" for="horror">
            Horror
        </label>
    </div>
    <div class="form-check">
        <input class="form-check-input" type="radio" name="category" id="fantasyFiction"
value="FantasyFiction">
        <label class="form-check-label" for="fantasyFiction">
            Fantasy Fiction
        </label>
    </div>
</div>
<div class="mb-3 row g-4 align-items-center">
    <div class="col-auto">
        <label for="floatingSelect">Rack</label>
    </div>
    <div class="col-auto">
        <select class="form-select" id="rack" name="rack">
            <option selected>Select Rack</option>
            @for ($i = 1; $i <= 10; $i++)
                <option value='{ { $i } }'>
                    {{ $i }}
                </option>
            @endfor
        </select>
    </div>
</div>

```

Lab #11(a)

```
<div class="mb-3 row g-4 align-items-center">
  <div class="col-auto">
    <label for="quantity" class="form-label">Total of copy</label>
  </div>
  <div class="col-auto">
    <input type="number" class="form-control" name="quantity" id="quantity" required>
  </div>
</div>
<div class="mb-3 row g-4 align-items-center">
  <div class="col-auto">
    <label for="price" class="form-label">Price</label>
  </div>
  <div class="col-auto">
    <input type="number" class="form-control" name="price" id="price" required>
  </div>
</div>
<div class="mb-3 row g-4 align-items-center">
  <div class="col-auto">
    <label for="image" class="col-form-label">Book Cover Image</label>
  </div>
  <div class="col-auto">
    <input type="file" id="image" name="image" class="form-control">
  </div>
</div>
</div>
<div class="d-flex justify-content-center gap-2 mt-3">
  <button type="" class="btn btn-danger">Cancel</button>
  <input type="submit" class="btn btn-primary" value="Save">
</div>
</form>
```

```
</div>
@endsection
```

```
//route –web.php:
Route::get('/add-book',[Bookcontroller::class, 'create']->name('books.create');
Route::post('/store-book', [BookController::class, 'store']->name('books.store');
```

```
//BookController;
public function create()
{
    return view('books.create');
}
public function store(Request $request)
{
```

Lab #11(a)

```
$request->validate([
    'title'=> 'required',
    'author'=> 'required',
    'quantity'=> 'required',
    'isbn_no'=> 'required',
    'publisher'=> 'required',
    'edition'=> 'required',
    'category'=> 'required',
    'rack'=> 'required',
    'price' => 'required | numeric',
    'image' => 'image|mimes:jpeg,png,jpg,gif|max:2048', // Validate image format and size
]);

$book = new Book();
$book->title = $request->input('title');
$book->author = $request->input('author');
$book->quantity = $request->input('quantity');
$book->isbn_no = $request->input('isbn_no');
$book->publisher = $request->input('publisher');
$book->edition = $request->input('edition');
$book->category = $request->input('category');
$book->rack = $request->input('rack');
$book->price = $request->input('price');
if ($request->hasFile('image')) {
    $imagePath = $request->file('image')->store('books', 'public'); // Store image in 'public/books'
    directory
        $book->image = $imagePath;
    }

    $book->save();

    return redirect()->route('books')->with('success', 'Book added successfully');
}
```