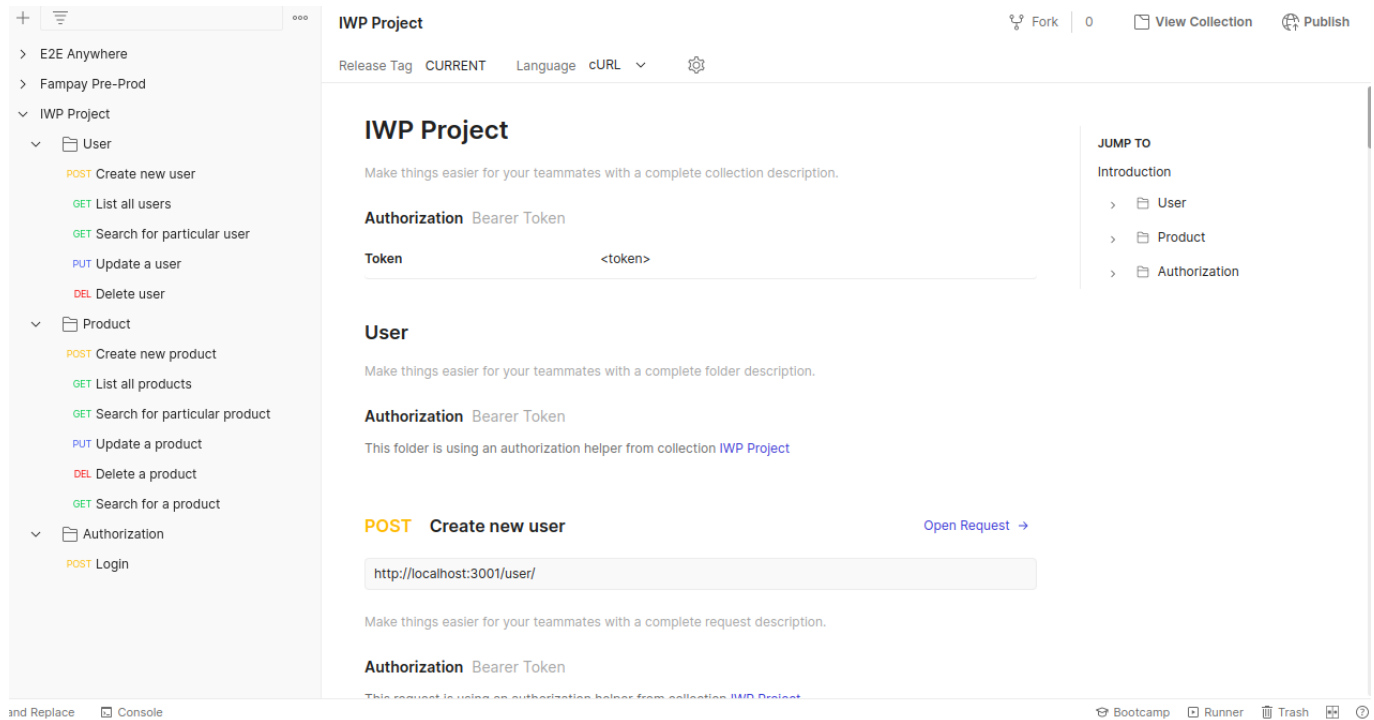


# IWP Final DA

## Api Documentation

- [Postman Collection](#)



## Steps to setup

- clone this repository
- `cd backend && npm install`
- `cd frontend && npm install`
- in backend folder, rename `.env.example` to `.env`
- Open backend, run `npm run start:dev` to start nodejs server
- Open frontend, run `npm run start` to start react server

## Screenshots

### Login Page

localhost:3000/login

## Log Into your application

Email address

Password

☐ Remember me [Forgot your password?](#)

Sign in

### Invalid credentials

localhost:3000/login

## Log Into your application

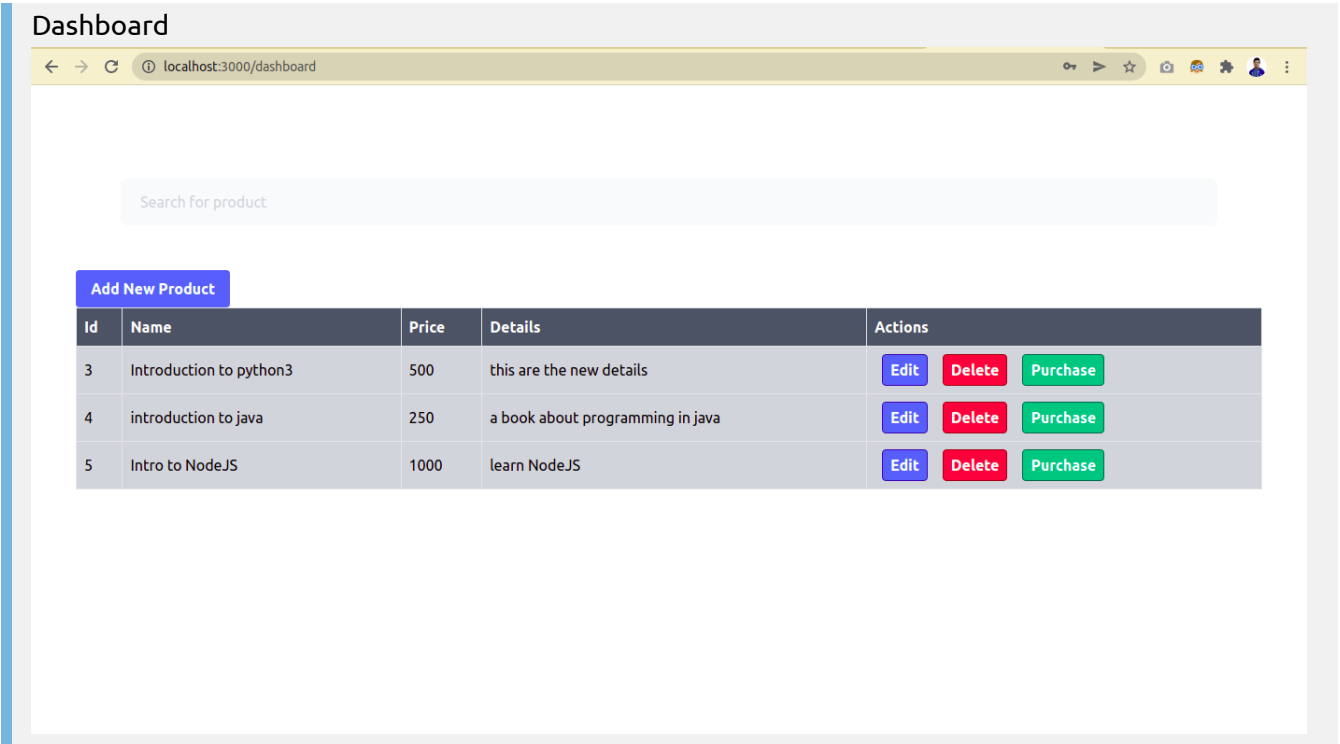
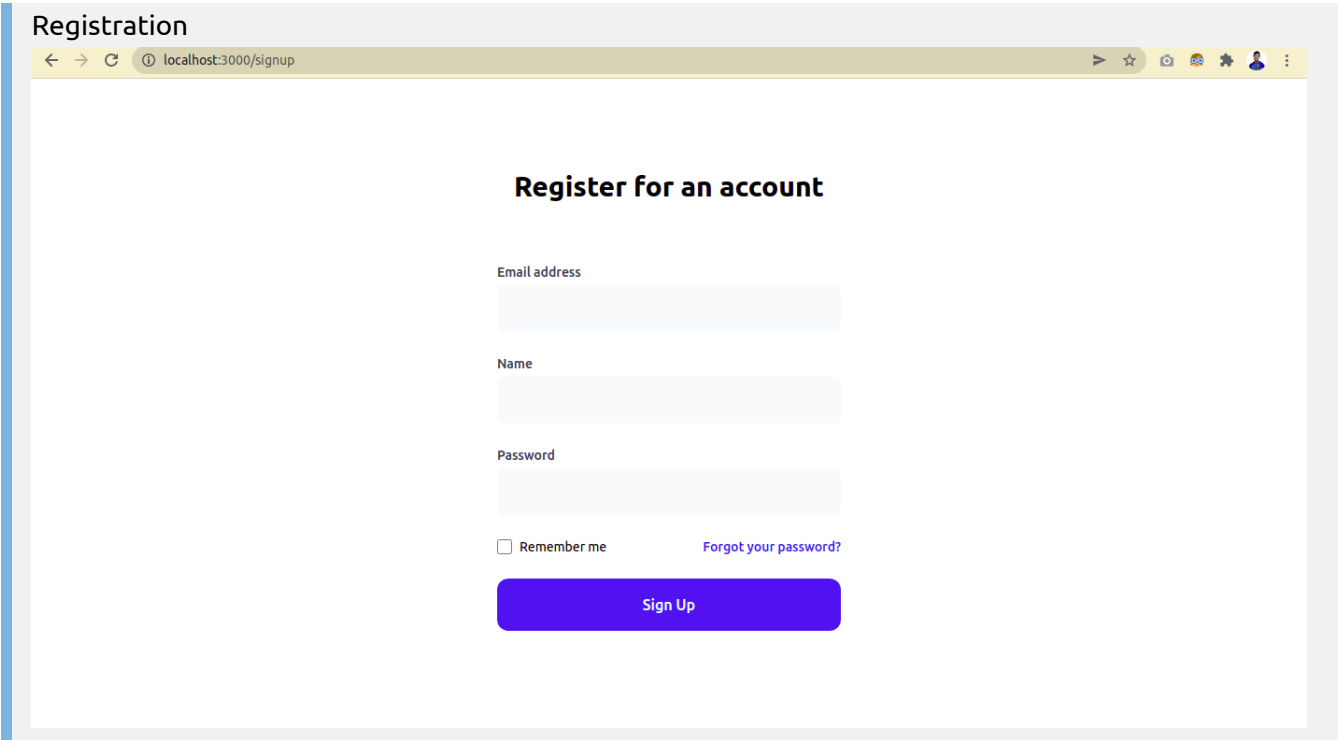
Email address

Password

☐ Remember me [Forgot your password?](#)

invalid credentials

Sign in



Live search via the admin panel of products

localhost:3000/dashboard

java

Add New Product

Id	Name	Price	Details	Actions
4	introduction to java	250	a book about programming in java	<div>EditDeletePurchase</div>

Search works across title and description

localhost:3000/dashboard

introduction

Add New Product

Id	Name	Price	Details	Actions
3	Introduction to python3	500	this are the new details	<div>EditDeletePurchase</div>
4	introduction to java	250	a book about programming in java	<div>EditDeletePurchase</div>

Edit a product

localhost:3000/dashboard

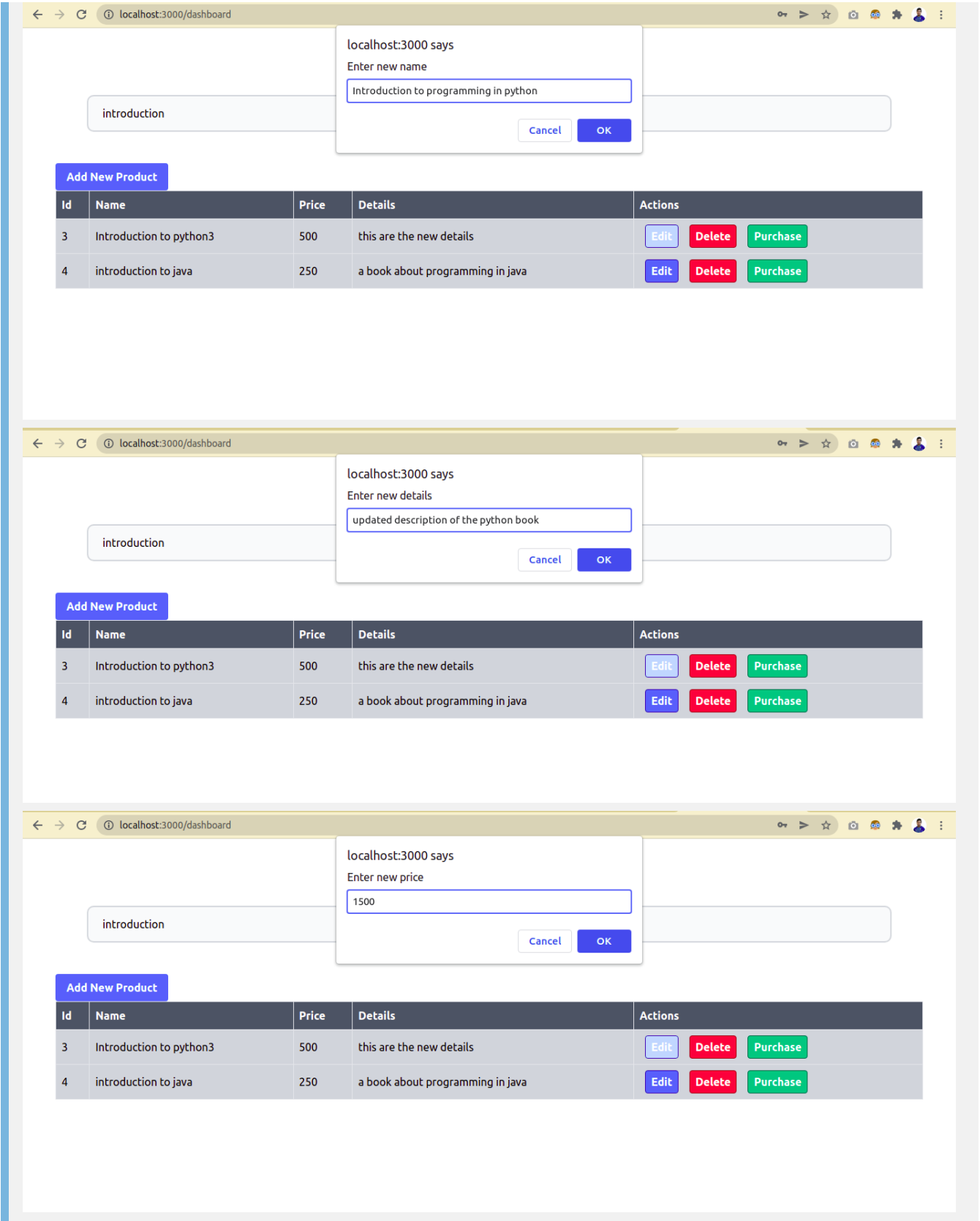
introduction

localhost:3000 says  
Are you sure you want to edit product with id : 3?

CancelOK

Add New Product

Id	Name	Price	Details	Actions
3	Introduction to python3	500	this are the new details	<div>EditDeletePurchase</div>
4	introduction to java	250	a book about programming in java	<div>EditDeletePurchase</div>



## Addition of content via ajax scripts, no reload required during searching, insertion, edit or deletion

localhost:3000/dashboard

introduction

Add New Product

Id	Name	Price	Details	Actions
3	Introduction to programming in python	1500	updated description of the python book	<button>Edit</button> <button>Delete</button> <button>Purchase</button>
4	introduction to java	250	a book about programming in java	<button>Edit</button> <button>Delete</button> <button>Purchase</button>
5	Intro to NodeJS	1000	learn NodeJS	<button>Edit</button> <button>Delete</button> <button>Purchase</button>

## Create a new product

localhost:3000/dashboard

Search for product

localhost:3000 says  
Enter new name

Cancel OK

Add New Product

Id	Name	Price	Details	Actions
3	Introduction to programming in python	1500	updated description of the python book	<button>Edit</button> <button>Delete</button> <button>Purchase</button>
4	introduction to java	250	a book about programming in java	<button>Edit</button> <button>Delete</button> <button>Purchase</button>
5	Intro to NodeJS	1000	learn NodeJS	<button>Edit</button> <button>Delete</button> <button>Purchase</button>

localhost:3000/dashboard

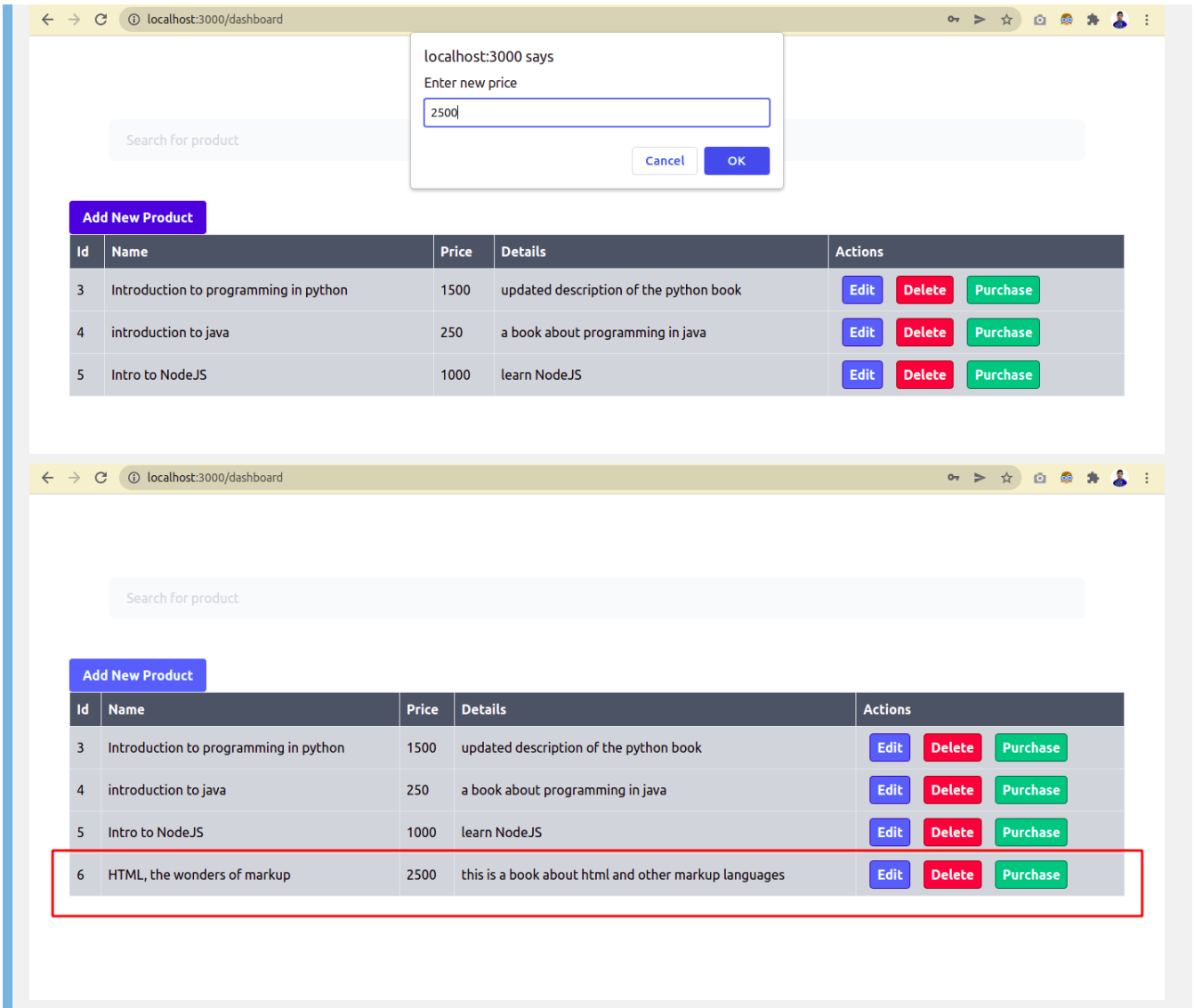
Search for product

localhost:3000 says  
Enter new details

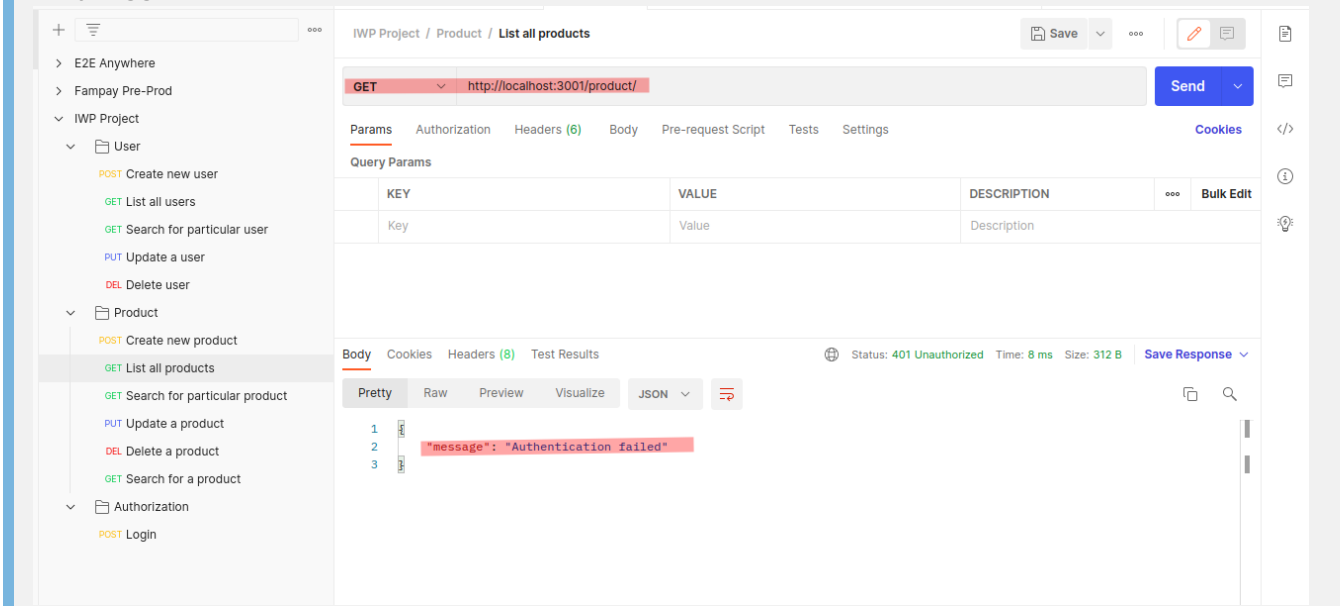
Cancel OK

Add New Product

Id	Name	Price	Details	Actions
3	Introduction to programming in python	1500	updated description of the python book	<button>Edit</button> <button>Delete</button> <button>Purchase</button>
4	introduction to java	250	a book about programming in java	<button>Edit</button> <button>Delete</button> <button>Purchase</button>
5	Intro to NodeJS	1000	learn NodeJS	<button>Edit</button> <button>Delete</button> <button>Purchase</button>



## Only logged in users can access data



## Deleting a product

The screenshot shows a web browser at `localhost:3000/dashboard`. A modal dialog box is open, asking for confirmation to delete a product with ID 3. Below the dialog, there is a search bar and a table of products.

localhost:3000 says  
Are you sure you want to delete product with id : 3?

Cancel OK

Search for product

Add New Product

Id	Name	Price	Details	Actions
3	Introduction to programming in python	1500	updated description of the python book	<a href="#">Edit</a> <a href="#">Delete</a> <a href="#">Purchase</a>
4	introduction to java	250	a book about programming in java	<a href="#">Edit</a> <a href="#">Delete</a> <a href="#">Purchase</a>
5	Intro to NodeJS	1000	learn NodeJS	<a href="#">Edit</a> <a href="#">Delete</a> <a href="#">Purchase</a>
6	HTML, the wonders of markup	2500	this is a book about html and other markup languages	<a href="#">Edit</a> <a href="#">Delete</a> <a href="#">Purchase</a>

## Content removed

The screenshot shows the same web browser, but the product with ID 3 has been removed from the table. The search bar and 'Add New Product' button are still present.

Search for product

Add New Product

Id	Name	Price	Details	Actions
4	introduction to java	250	a book about programming in java	<a href="#">Edit</a> <a href="#">Delete</a> <a href="#">Purchase</a>
5	Intro to NodeJS	1000	learn NodeJS	<a href="#">Edit</a> <a href="#">Delete</a> <a href="#">Purchase</a>
6	HTML, the wonders of markup	2500	this is a book about html and other markup languages	<a href="#">Edit</a> <a href="#">Delete</a> <a href="#">Purchase</a>

## Dynamic PDF generated from website

The screenshot shows a PDF viewer displaying a receipt generated from the website. The receipt includes the title 'Internet and Web Programming Digital Assignment' and details about a purchase of 'Introduction to python3' for 500 units.

Internet and Web Programming Digital Assignment

This is a computer generated receipt for Yash Kumar Verma (yk.verma2000@gmail.com) for the purchase of Introduction to python3 with ID 3

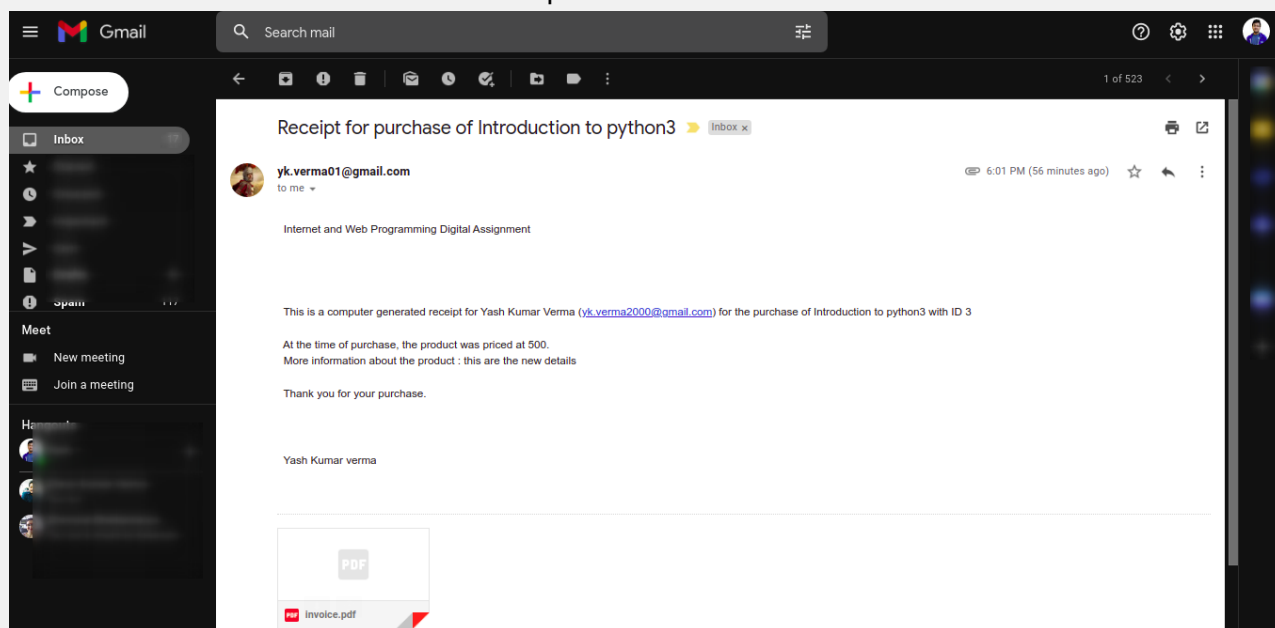
At the time of purchase, the product was priced at 500.  
More information about the product : this are the new details

Thank you for your purchase.

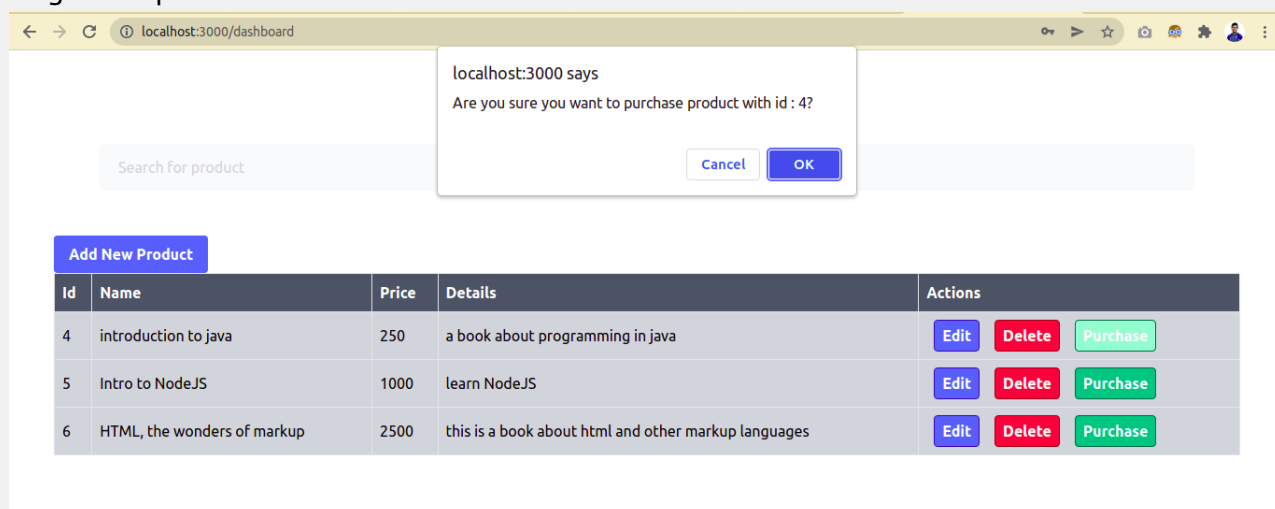
Yash Kumar verma



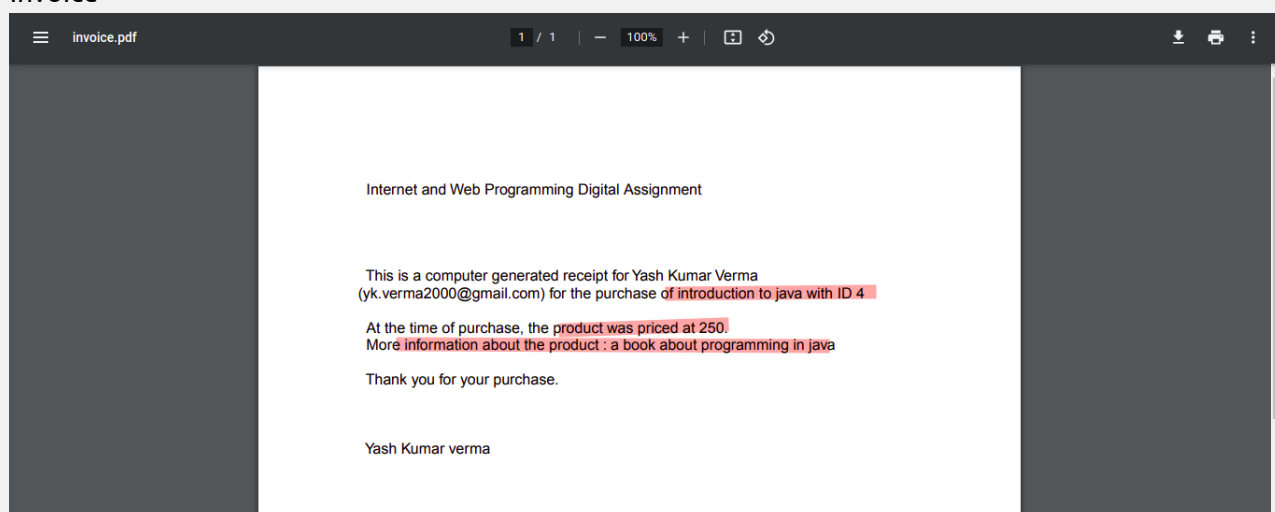
## Email received with attached invoice after purchase

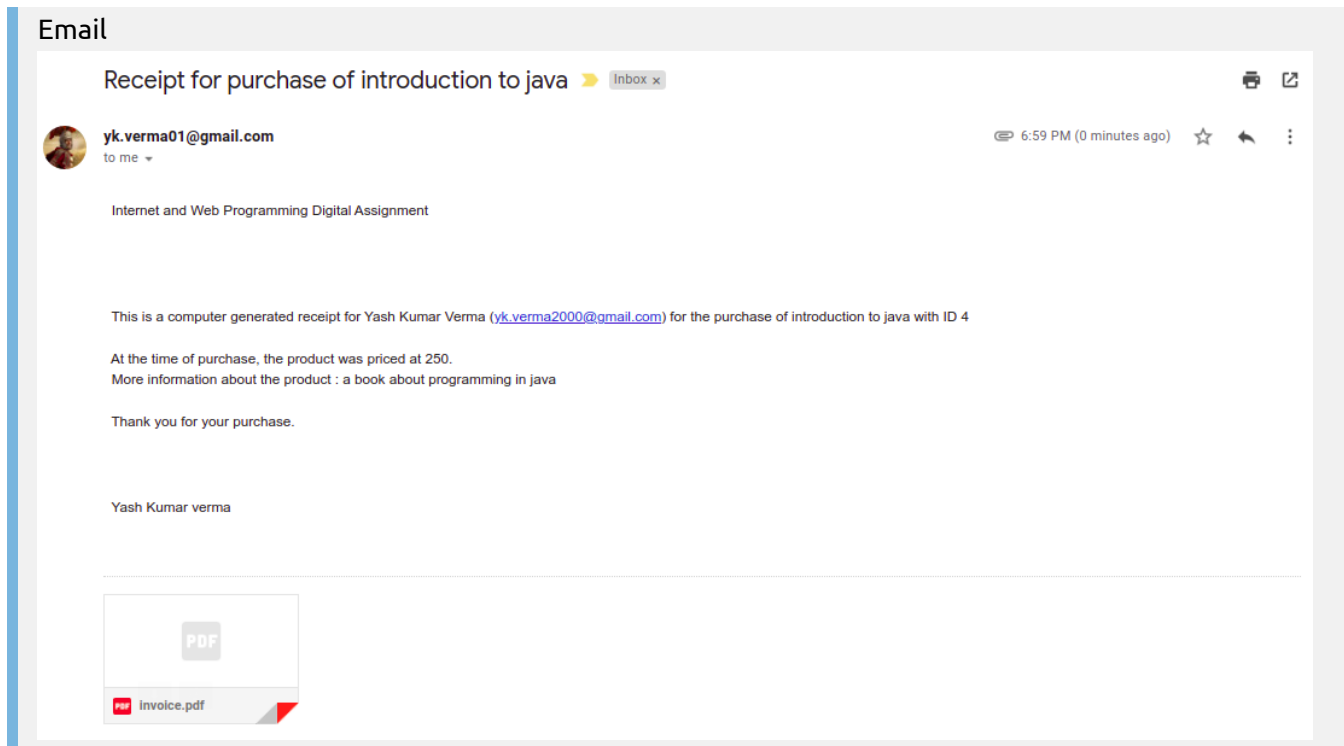


## Single click purchase



## Invoice





## Code

Please either download the code as zip, or click on the folder icons to navigate.