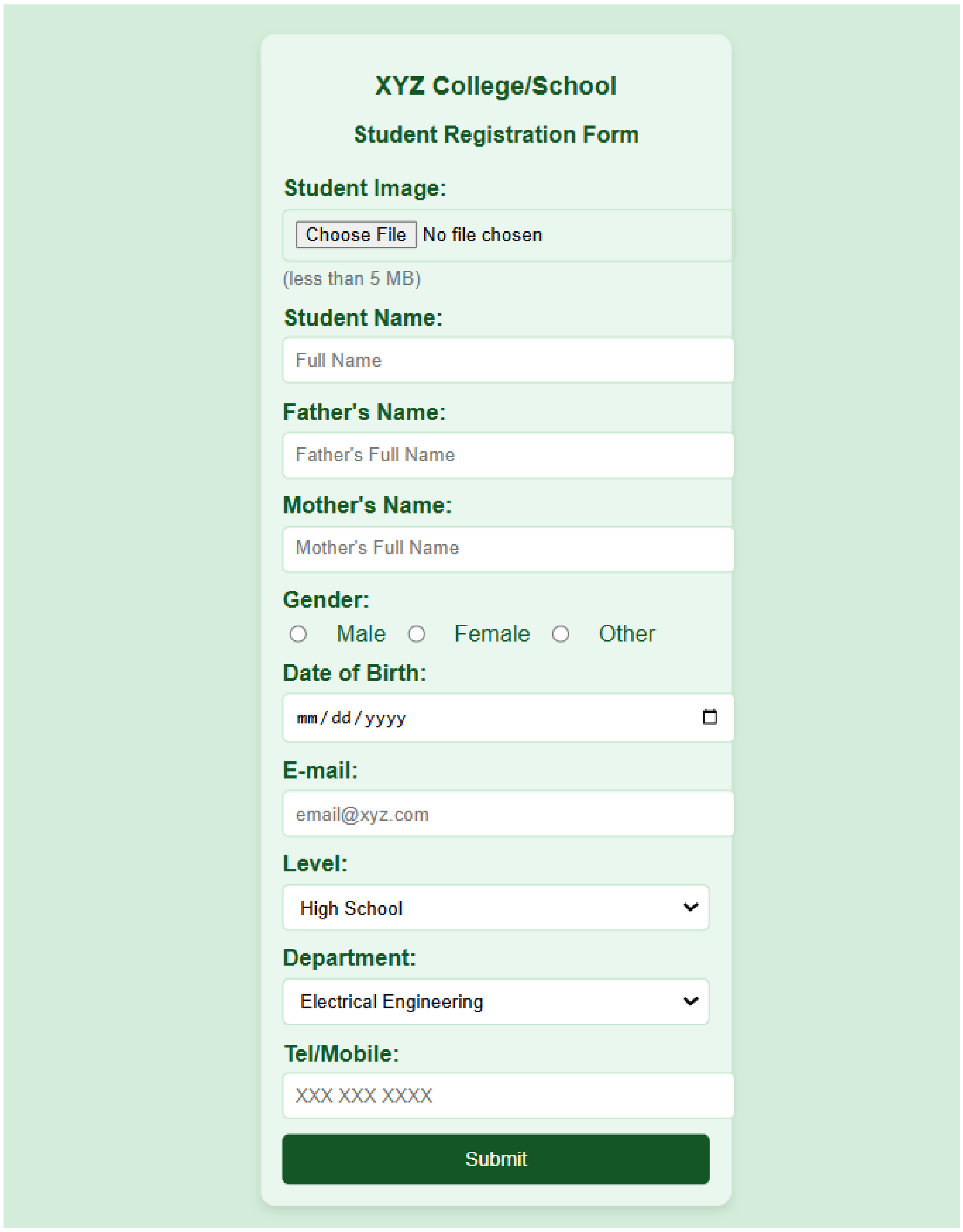
DAY-1

Form(html) :



XYZ College/School

Student Registration Form

Student Image:

Choose File No file chosen

(less than 5 MB)

Student Name:

Full Name

Father's Name:

Father's Full Name

Mother's Name:

Mother's Full Name

Gender:

○ Male ○ Female ○ Other

Date of Birth:

mm/dd/yyyy

E-mail:

email@xyz.com

Level:

High School

Department:

Electrical Engineering

Tel/Mobile:

XXX XXX XXXX

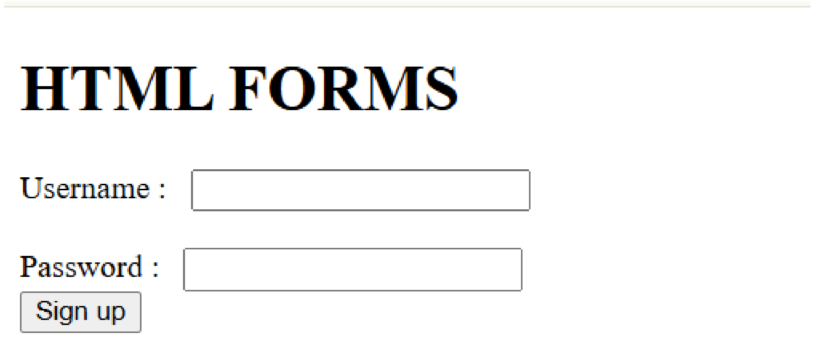
Submit

DAY 2:

Sr.no	name	type	price	image
1	puranpoli	sweet dish	70/-	
2	misal pav	spicy dish	100/-	

DAY-2

Task-1

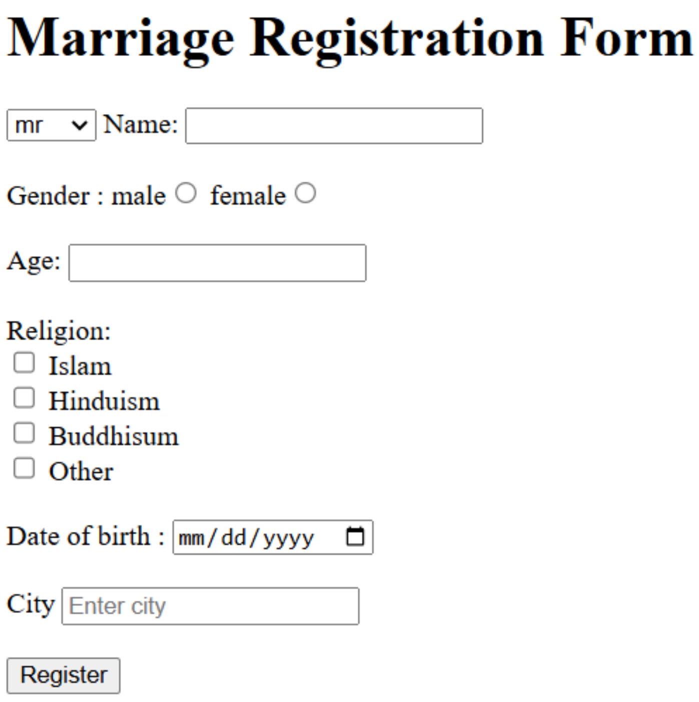


HTML FORMS

Username :

Password :

Task-2



Marriage Registration Form

mr Name:

Gender : male ○ female ○

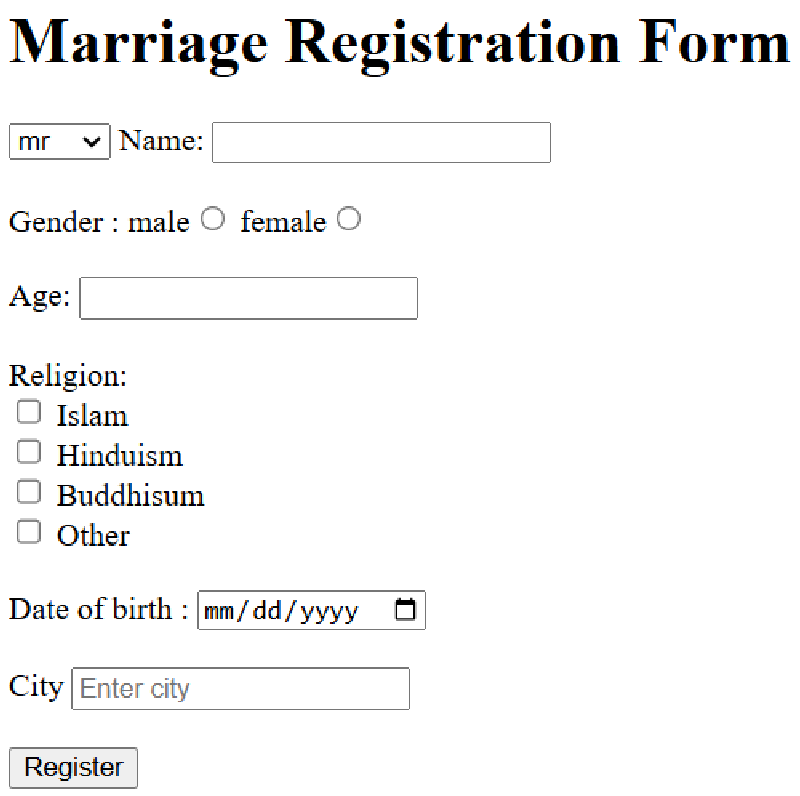
Age:

Religion:
- ☐ Islam
- ☐ Hinduism
- ☐ Buddhisum
- ☐ Other

Date of birth : mm/dd/yyyy

City Enter city

Task-3



Marriage Registration Form

mr Name:

Gender : male ○ female ○

Age:

Religion:
- ☐ Islam
- ☐ Hinduism
- ☐ Buddhisum
- ☐ Other

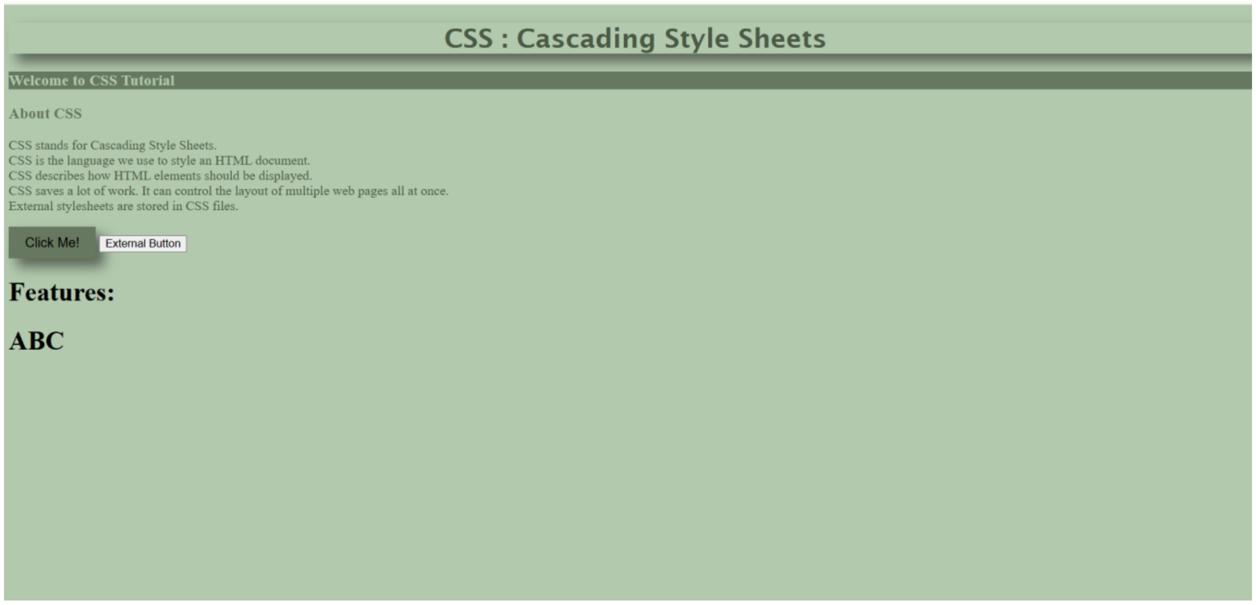
Date of birth : mm/dd/yyyy

City Enter city

Register

DAY- 3

Task -1 :



CSS : Cascading Style Sheets

Welcome to CSS Tutorial

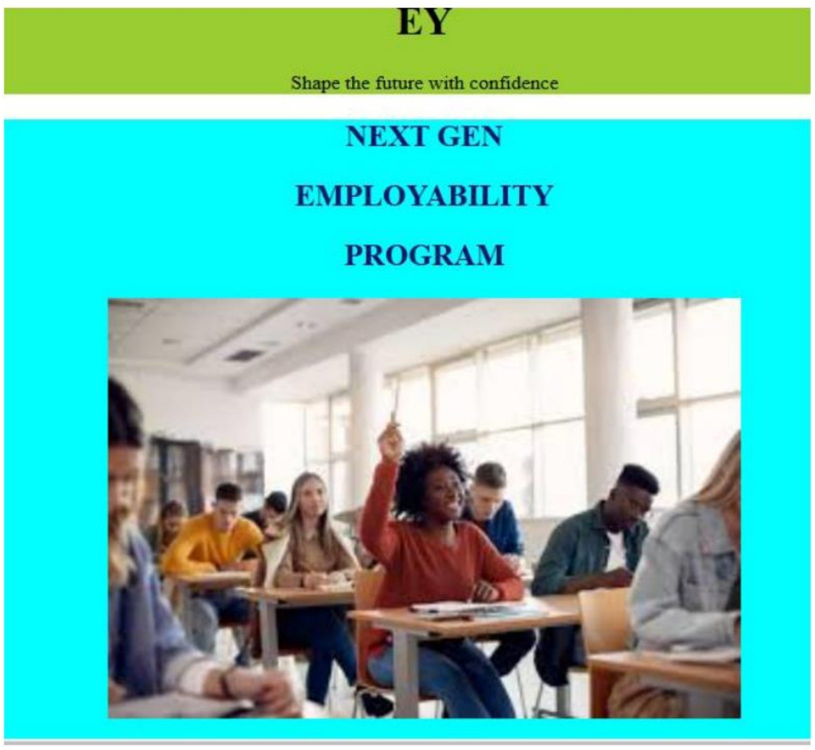
About CSS

CSS stands for Cascading Style Sheets.
CSS is the language we use to style an HTML document.
CSS describes how HTML elements should be displayed.
CSS saves a lot of work. It can control the layout of multiple web pages all at once.
External stylesheets are stored in CSS files.

Features:

ABC

Task-2 :



EY

Shape the future with confidence

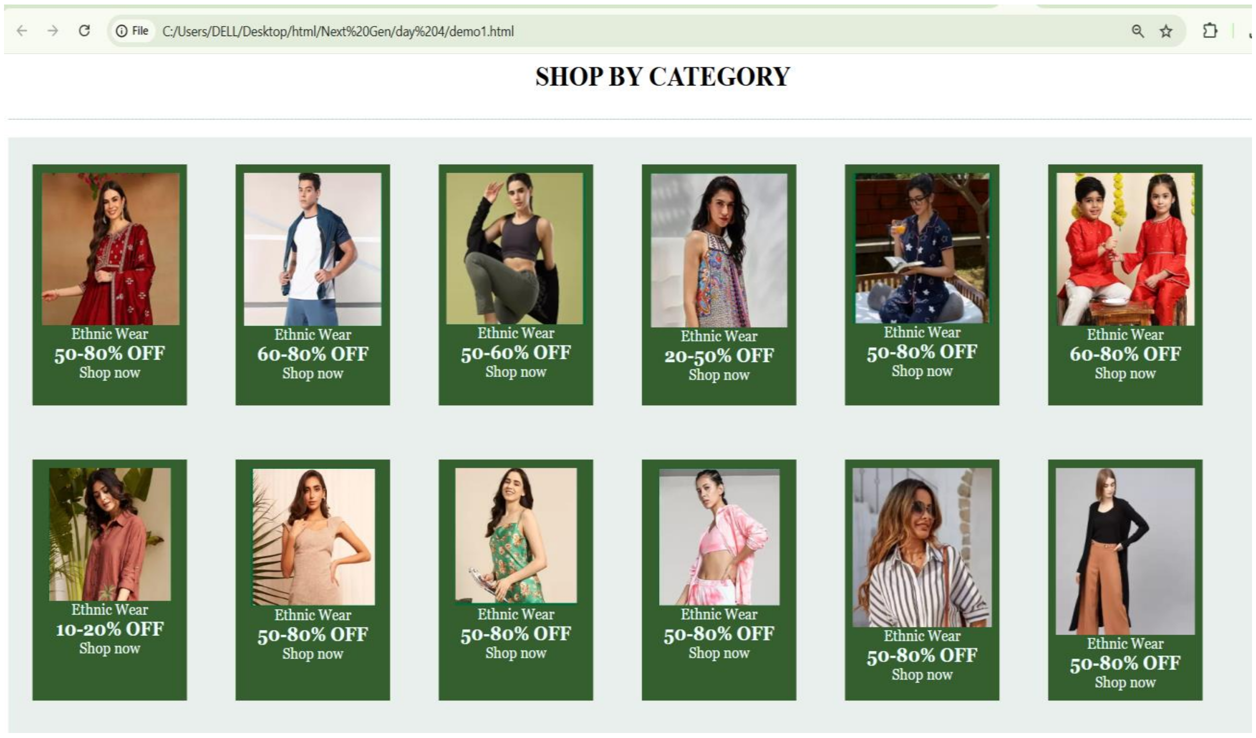
NEXT GEN

EMPLOYABILITY

PROGRAM

DAY-4

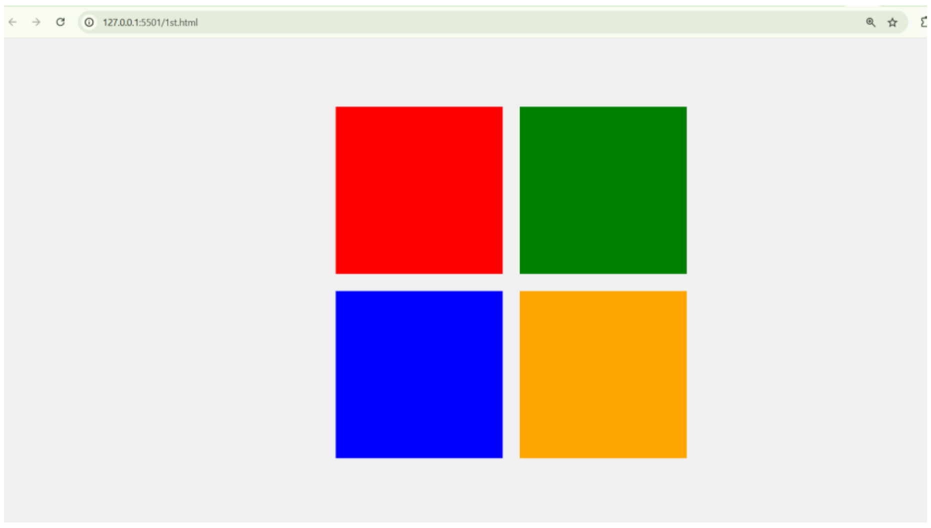
Task-1


C:/Users/DELL/Desktop/html/Next%20Gen/day%204/demo1.html

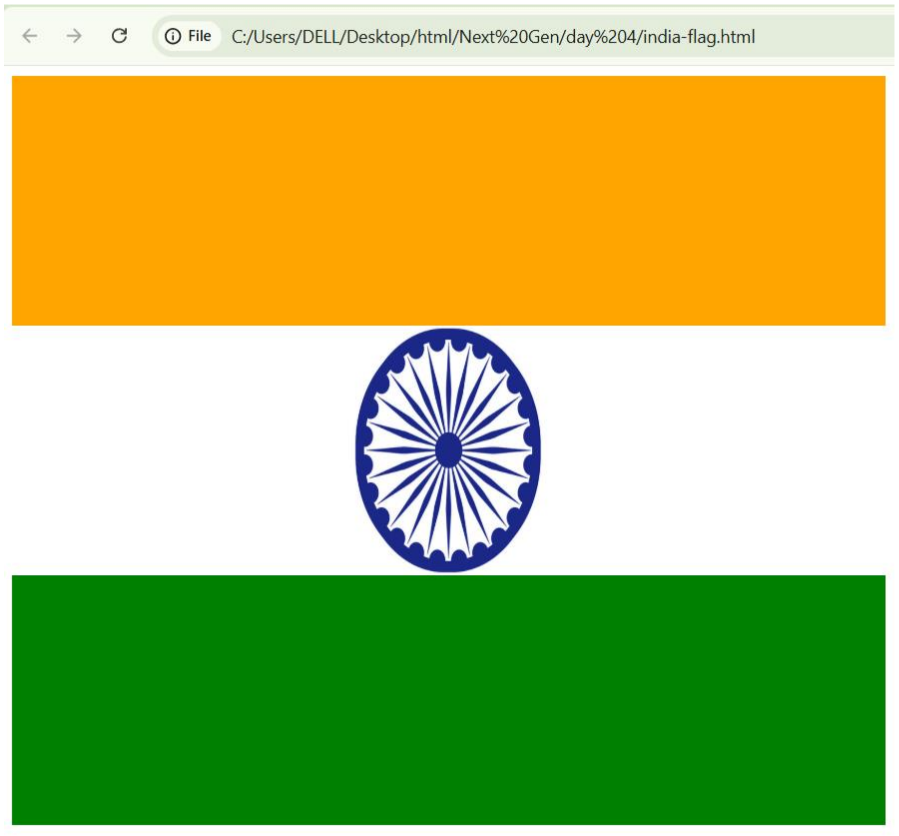
SHOP BY CATEGORY

Ethnic Wear 50-80% OFF Shop now	Ethnic Wear 60-80% OFF Shop now	Ethnic Wear 50-60% OFF Shop now	Ethnic Wear 20-50% OFF Shop now	Ethnic Wear 50-80% OFF Shop now	Ethnic Wear 60-80% OFF Shop now
Ethnic Wear 10-20% OFF Shop now	Ethnic Wear 50-80% OFF Shop now	Ethnic Wear 50-80% OFF Shop now	Ethnic Wear 50-80% OFF Shop now	Ethnic Wear 50-80% OFF Shop now	Ethnic Wear 50-80% OFF Shop now

Task-2


127.0.0.1:5501/1st.html

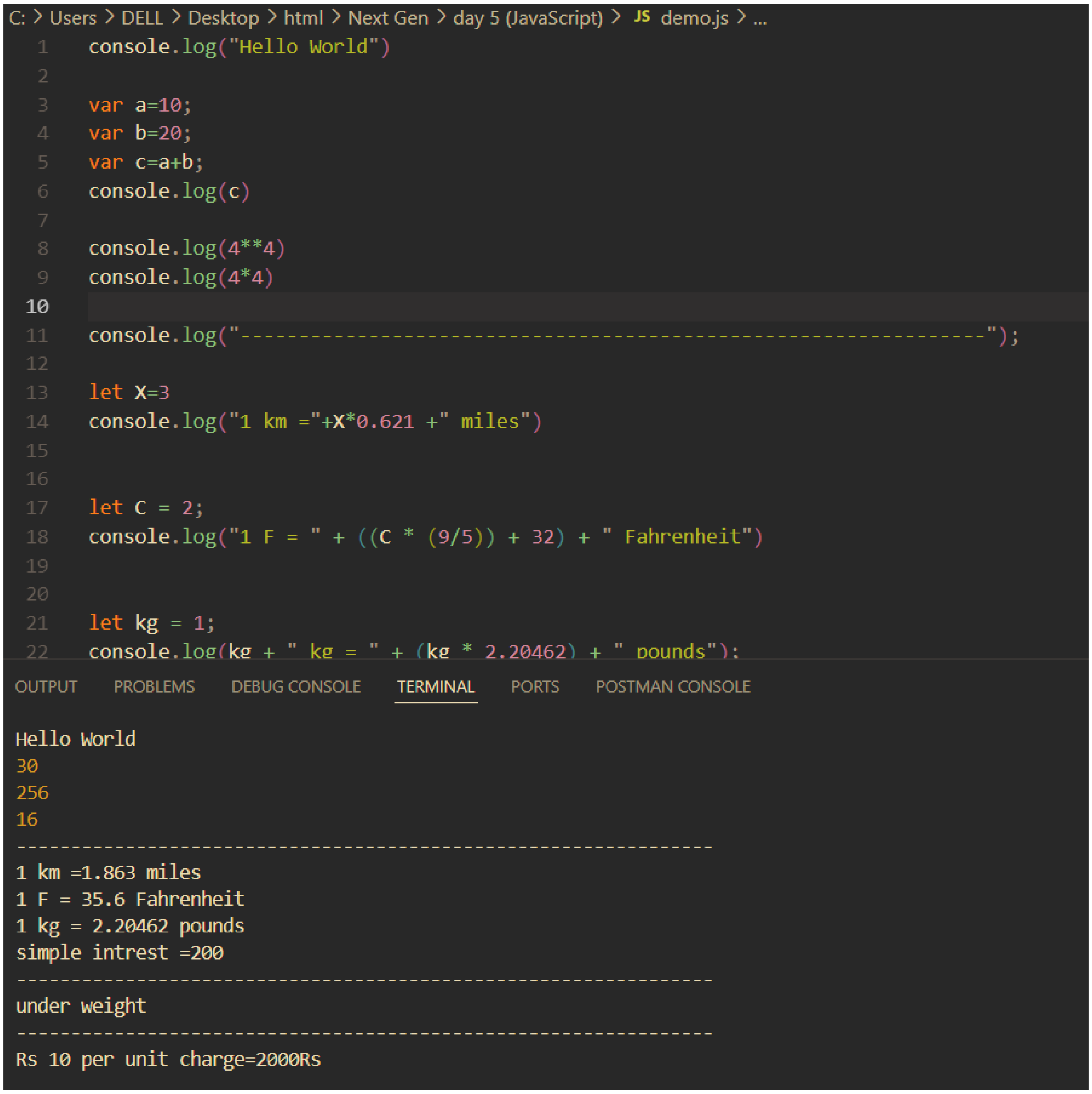
Task -3



C:/Users/DELL/Desktop/html/Next%20Gen/day%204/india-flag.html

DAY-5

TASK-1 (JavaScript) :



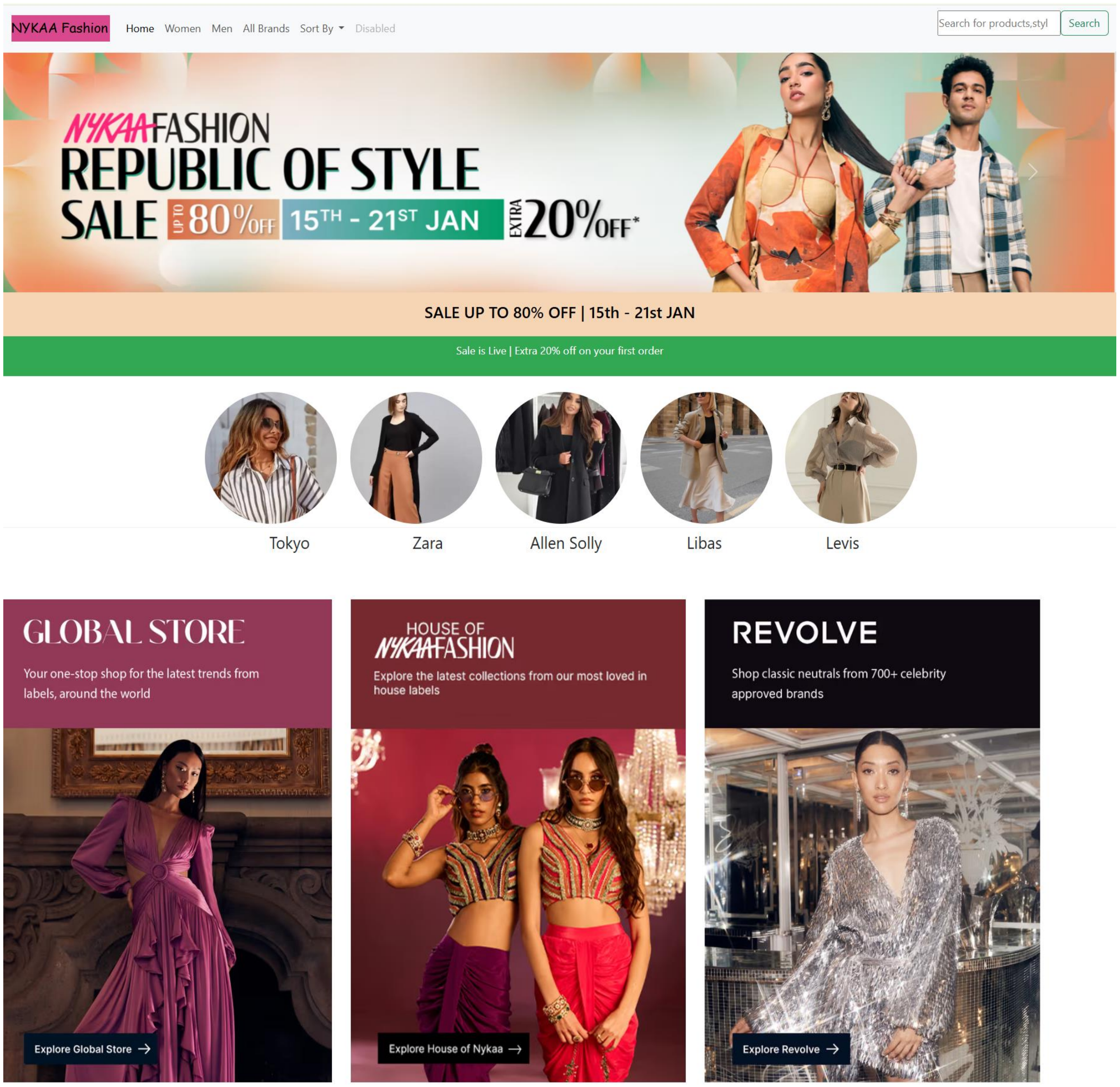
C: > Users > DELL > Desktop > html > Next Gen > day 5 (JavaScript) > JS demo.js > ...

```javascript
console.log("Hello World")

var a=10;
var b=20;
var c=a+b;
console.log(c)

console.log(4**4)
console.log(4*4)


console.log("------------------------------------------------------------------");

let X=3
console.log("1 km ="+X*0.621 +" miles")


let C = 2;
console.log("1 F = " + ((C * (9/5)) + 32) + " Fahrenheit")


let kg = 1;
console.log(kg + " kg = " + (kg * 2.20462) + " pounds");
```

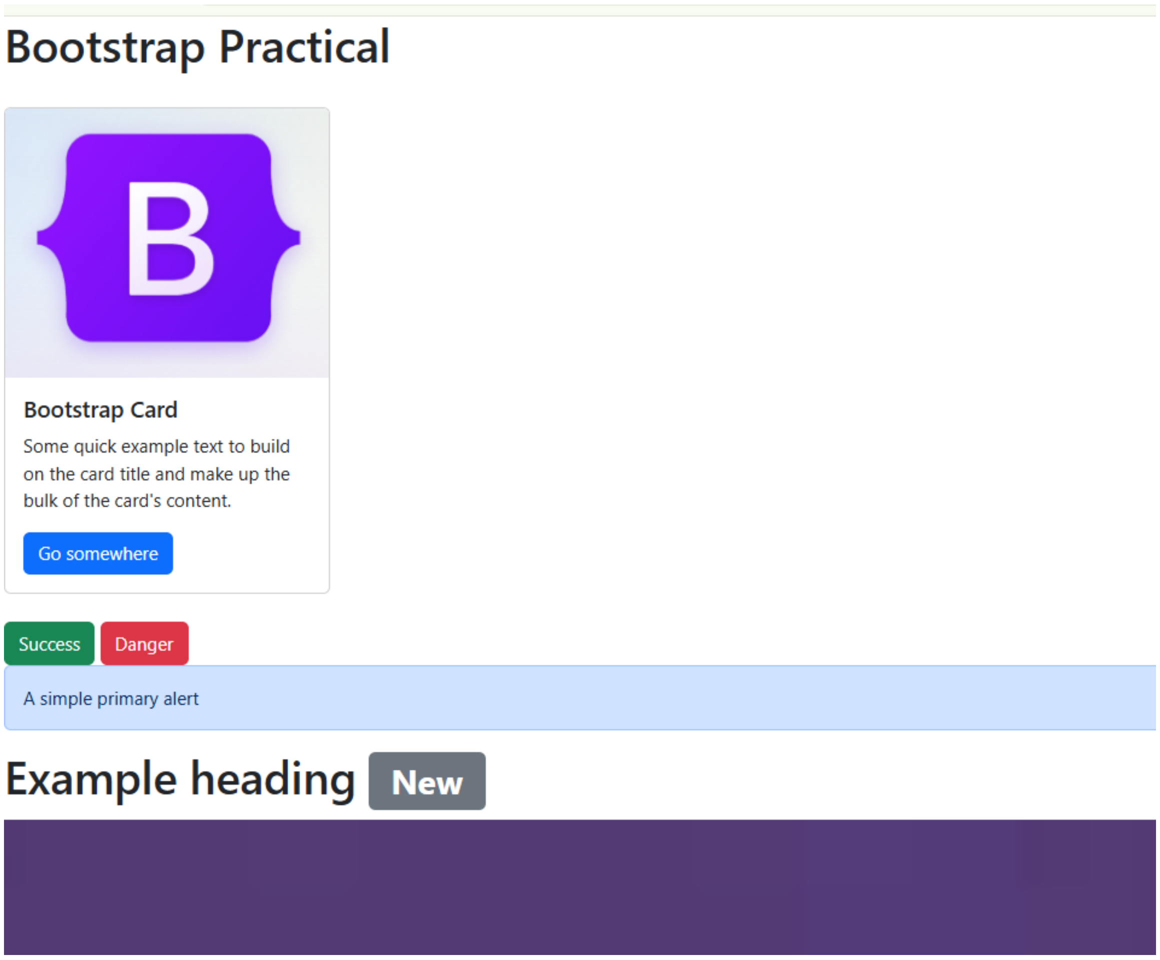
OUTPUT PROBLEMS DEBUG CONSOLE TERMINAL PORTS POSTMAN CONSOLE

```
Hello World
30
256
16
---------------------------------------------------------------
1 km =1.863 miles
1 F = 35.6 Fahrenheit
1 kg = 2.20462 pounds
simple intrest =200
---------------------------------------------------------------
under weight
---------------------------------------------------------------
Rs 10 per unit charge=2000Rs
```

TASK-2 (BOOTSTRAP) :


NYKAA Fashion
Home
Women
Men
All Brands
Sort By
Disabled
Search for products,styl
Search
NYKAA FASHION
REPUBLIC OF STYLE
SALE UP TO 80% OFF 15TH - 21ST JAN EXTRA 20% OFF*
SALE UP TO 80% OFF | 15th - 21st JAN
Sale is Live | Extra 20% off on your first order
Tokyo
Zara
Allen Solly
Libas
Levis
GLOBAL STORE
Your one-stop shop for the latest trends from labels, around the world
Explore Global Store
HOUSE OF NYKAA FASHION
Explore the latest collections from our most loved in house labels
Explore House of Nykaa
REVOLVE
Shop classic neutrals from 700+ celebrity approved brands
Explore Revolve

Task -3 :



Bootstrap Practical

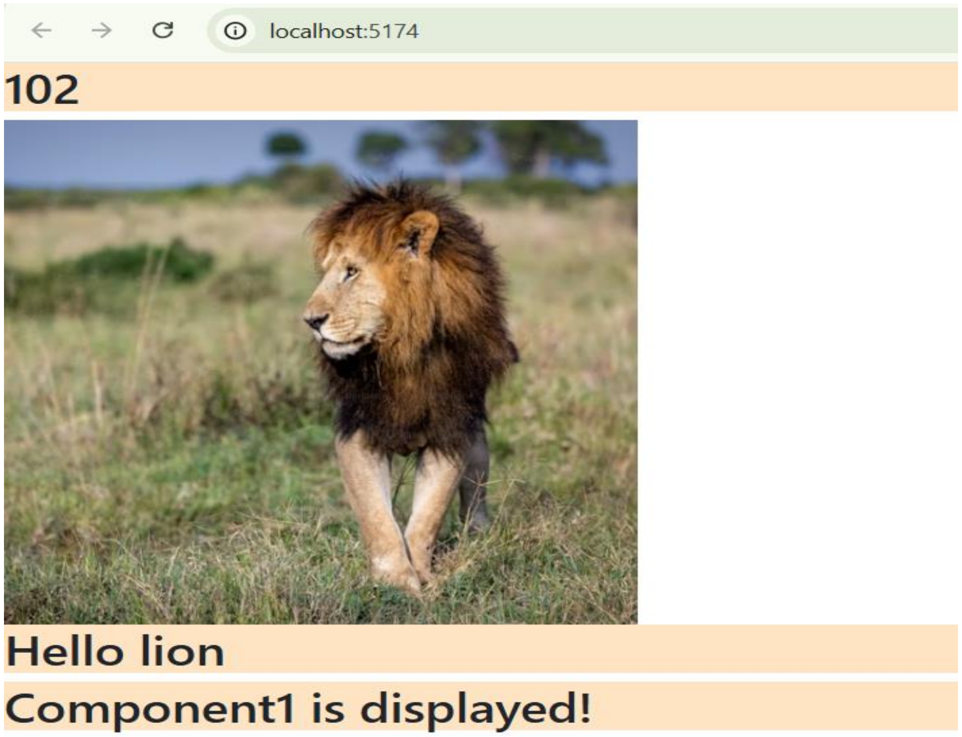
Bootstrap Card

Some quick example text to build on the card title and make up the bulk of the card's content.

A simple primary alert

Example heading New

DAY -6

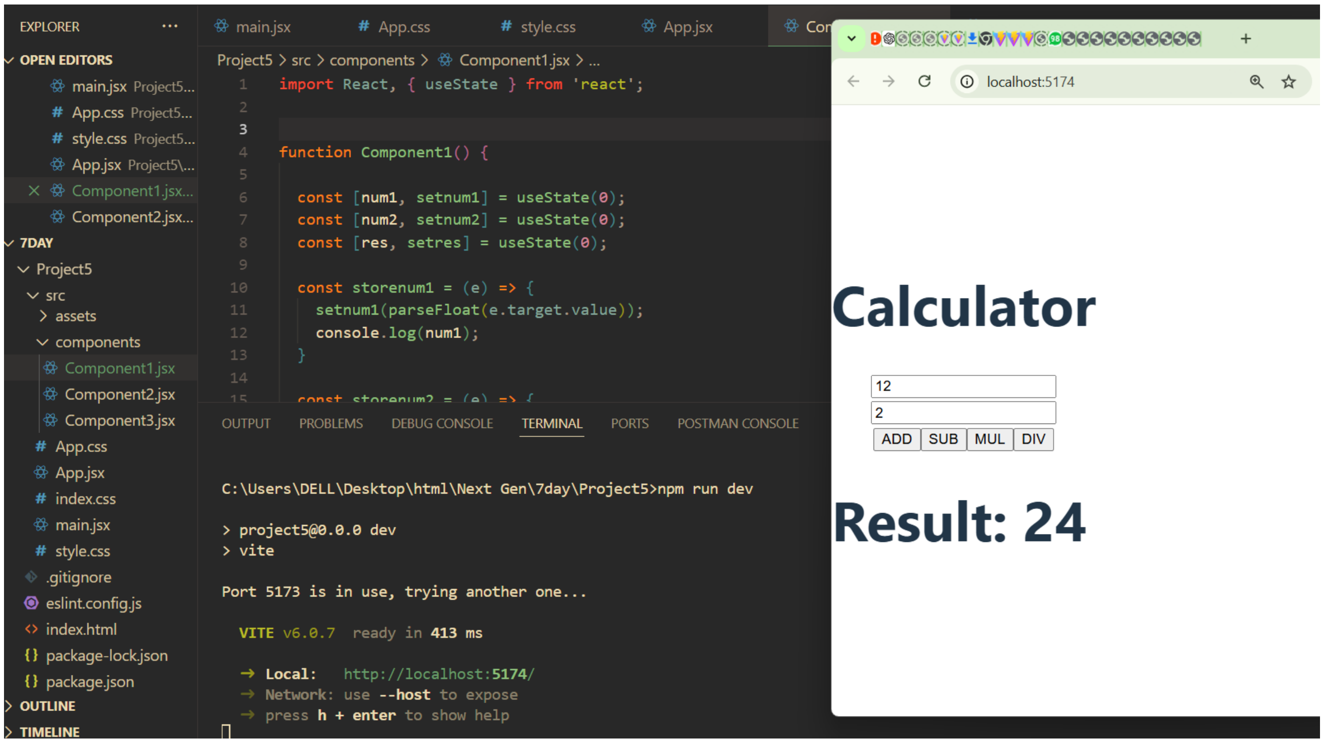


```
102
```

```
Hello lion
Component1 is displayed!
```

DAY -7 (React)

Task -1 (calculator) :



```jsx
import React, { useState } from 'react';


function Component1() {

  const [num1, setnum1] = useState(0);
  const [num2, setnum2] = useState(0);
  const [res, setres] = useState(0);

  const storenum1 = (e) => {
    setnum1(parseFloat(e.target.value));
    console.log(num1);
  }

  const storenum2 = (e) => {
```

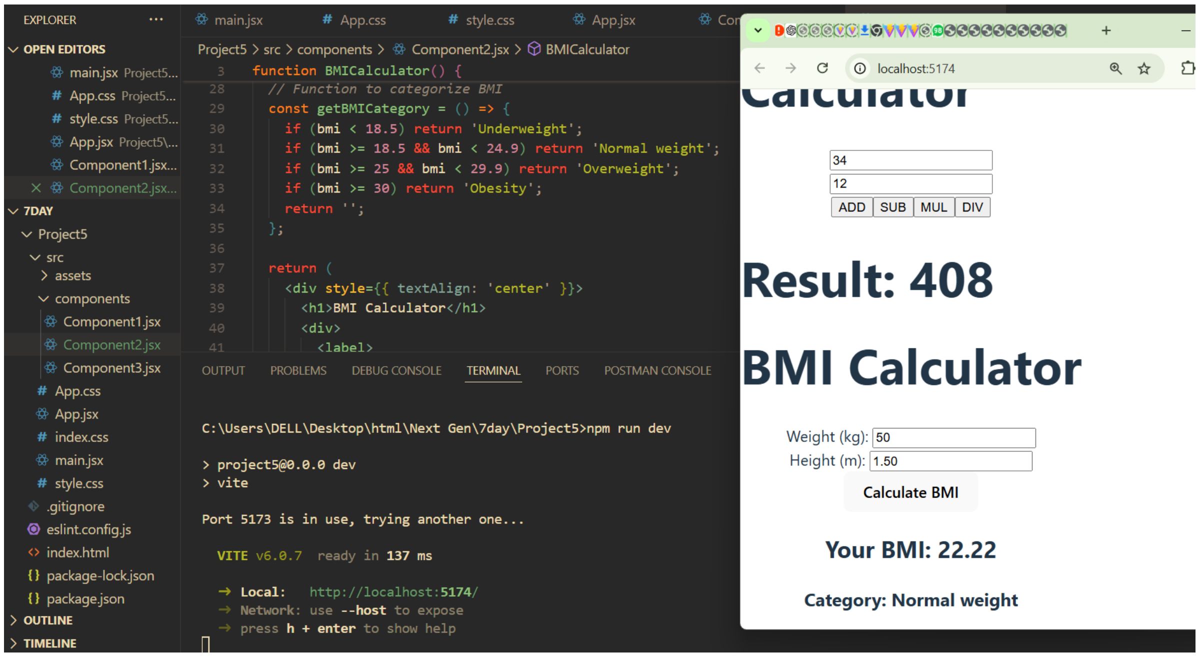
```
C:\Users\DELL\Desktop\html\Next Gen\7day\Project5>npm run dev

> project5@0.0.0 dev
> vite

Port 5173 is in use, trying another one...

  VITE v6.0.7  ready in 413 ms

  ➜  Local:   http://localhost:5174/
  ➜  Network: use --host to expose
  ➜  press h + enter to show help
```

Calculator

12
2
ADD SUB MUL DIV

Result: 24

Task -2(BMI Calculator) :



```jsx
function BMICalculator() {
  // Function to categorize BMI
  const getBMICategory = () => {
    if (bmi < 18.5) return 'Underweight';
    if (bmi >= 18.5 && bmi < 24.9) return 'Normal weight';
    if (bmi >= 25 && bmi < 29.9) return 'Overweight';
    if (bmi >= 30) return 'Obesity';
    return '';
  };

  return (
    <div style={{ textAlign: 'center' }}>
      <h1>BMI Calculator</h1>
      <div>
        <label>
```

```
C:\Users\DELL\Desktop\html\Next Gen\7day\Project5>npm run dev

> project5@0.0.0 dev
> vite

Port 5173 is in use, trying another one...

  VITE v6.0.7  ready in 137 ms

  ➜  Local:   http://localhost:5174/
  ➜  Network: use --host to expose
  ➜  press h + enter to show help
```

34
12
ADD SUB MUL DIV

Result: 408

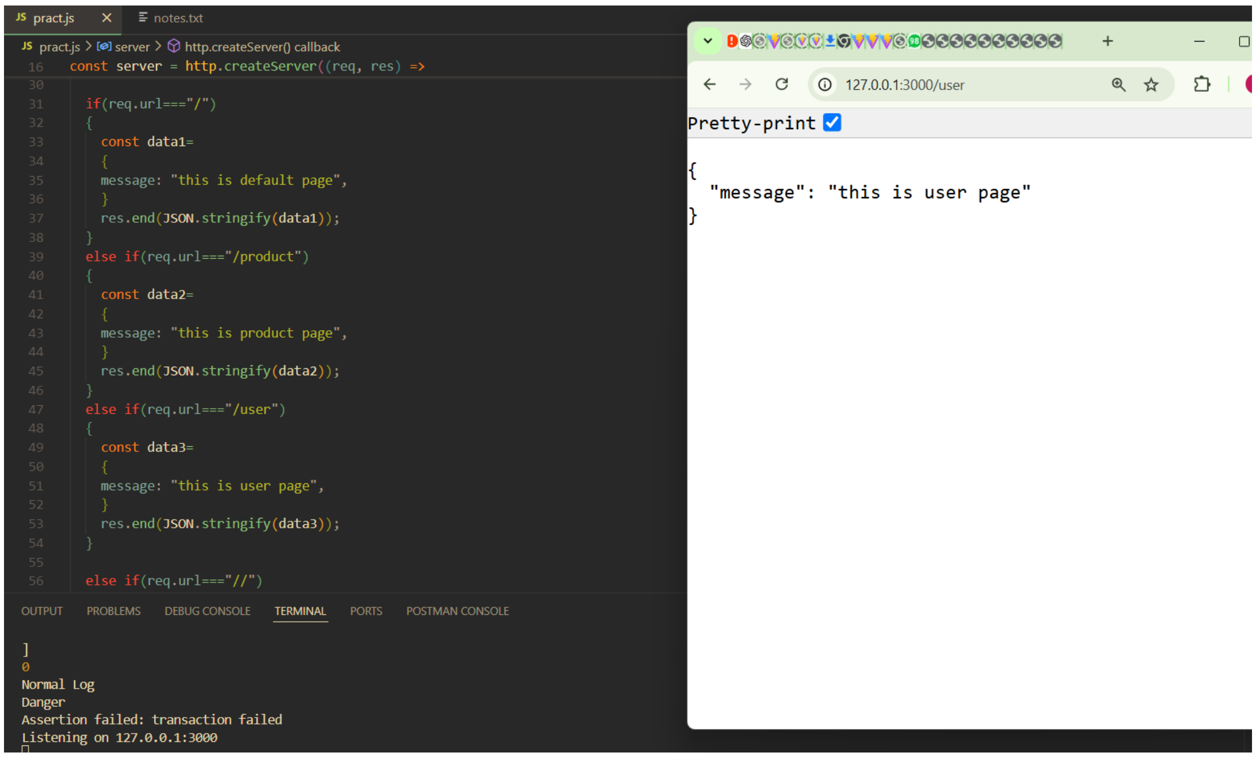
BMI Calculator

Weight (kg): 50
Height (m): 1.50
Calculate BMI

Your BMI: 22.22

Category: Normal weight

DAY -8 (NodeJS)



pract.js   notes.txt

pract.js > server > http.createServer() callback

```
const server = http.createServer((req, res) =>

  if(req.url==="/")
  {
    const data1=
    {
    message: "this is default page",
    }
    res.end(JSON.stringify(data1));
  }
  else if(req.url==="/product")
  {
    const data2=
    {
    message: "this is product page",
    }
    res.end(JSON.stringify(data2));
  }
  else if(req.url==="/user")
  {
    const data3=
    {
    message: "this is user page",
    }
    res.end(JSON.stringify(data3));
  }

  else if(req.url==="//")
```

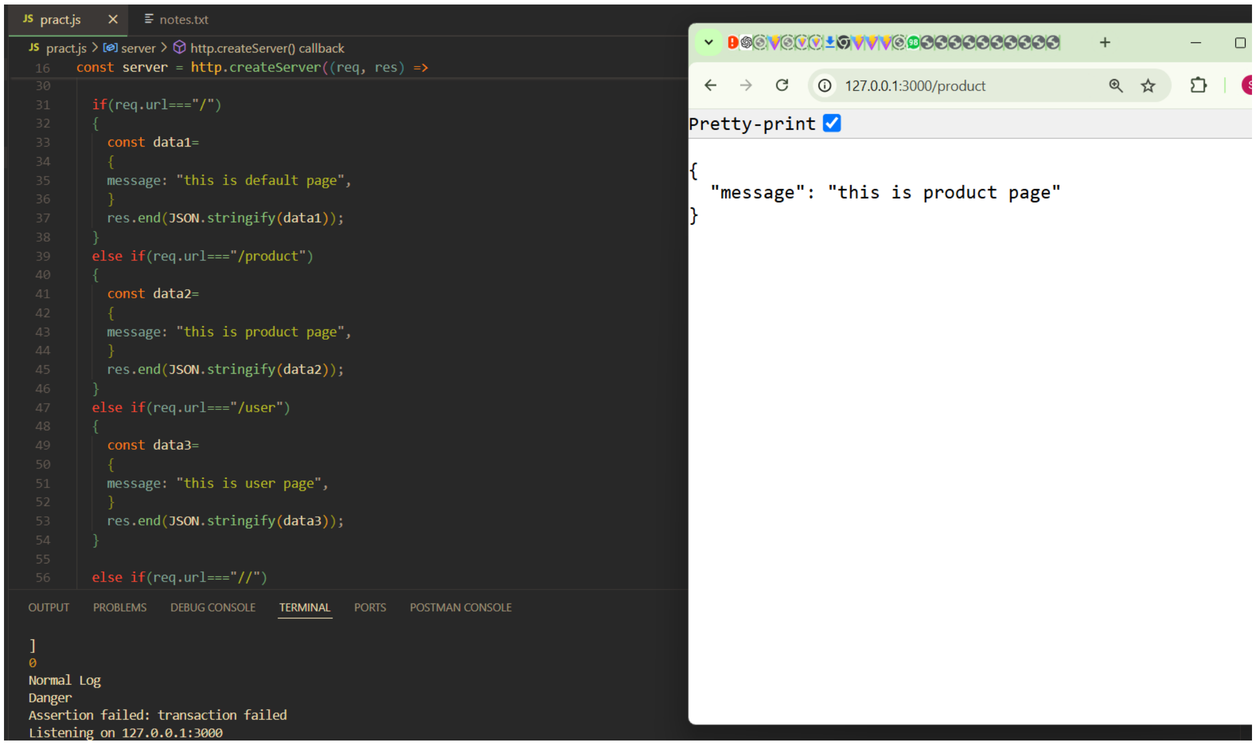
OUTPUT   PROBLEMS   DEBUG CONSOLE   TERMINAL   PORTS   POSTMAN CONSOLE

```
]
0
Normal Log
Danger
Assertion failed: transaction failed
Listening on 127.0.0.1:3000
```

127.0.0.1:3000/user

Pretty-print ✓

```
{
  "message": "this is user page"
}
```



pract.js   notes.txt

pract.js > server > http.createServer() callback

```
const server = http.createServer((req, res) =>

  if(req.url==="/")
  {
    const data1=
    {
    message: "this is default page",
    }
    res.end(JSON.stringify(data1));
  }
  else if(req.url==="/product")
  {
    const data2=
    {
    message: "this is product page",
    }
    res.end(JSON.stringify(data2));
  }
  else if(req.url==="/user")
  {
    const data3=
    {
    message: "this is user page",
    }
    res.end(JSON.stringify(data3));
  }

  else if(req.url==="//")
```

OUTPUT   PROBLEMS   DEBUG CONSOLE   TERMINAL   PORTS   POSTMAN CONSOLE

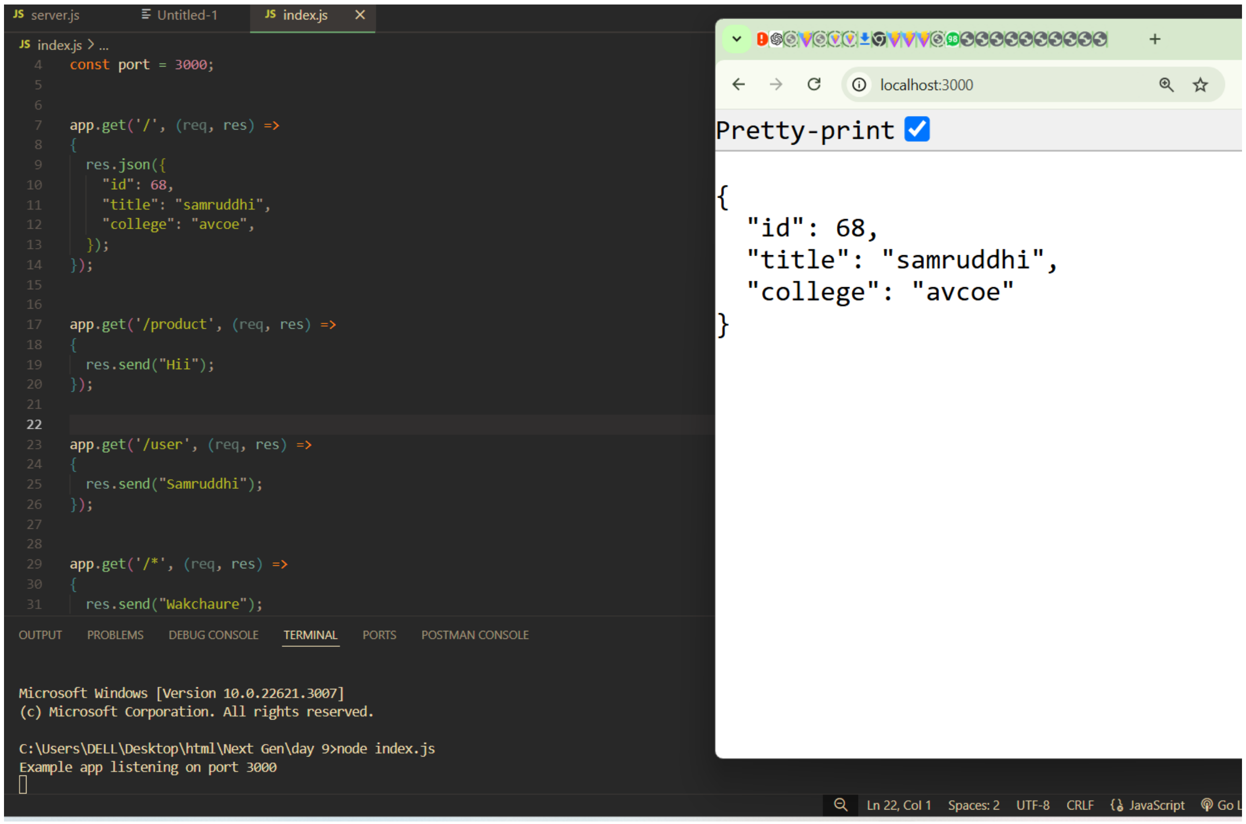
```
]
0
Normal Log
Danger
Assertion failed: transaction failed
Listening on 127.0.0.1:3000
```

127.0.0.1:3000/product

Pretty-print ✓

```
{
  "message": "this is product page"
}
```

Day -9



server.js   Untitled-1   index.js

```
const port = 3000;


app.get('/', (req, res) =>
{
  res.json({
    "id": 68,
    "title": "samruddhi",
    "college": "avcoe",
  });
});


app.get('/product', (req, res) =>
{
  res.send("Hii");
});


app.get('/user', (req, res) =>
{
  res.send("Samruddhi");
});


app.get('/*', (req, res) =>
{
  res.send("Wakchaure");
```

OUTPUT   PROBLEMS   DEBUG CONSOLE   TERMINAL   PORTS   POSTMAN CONSOLE

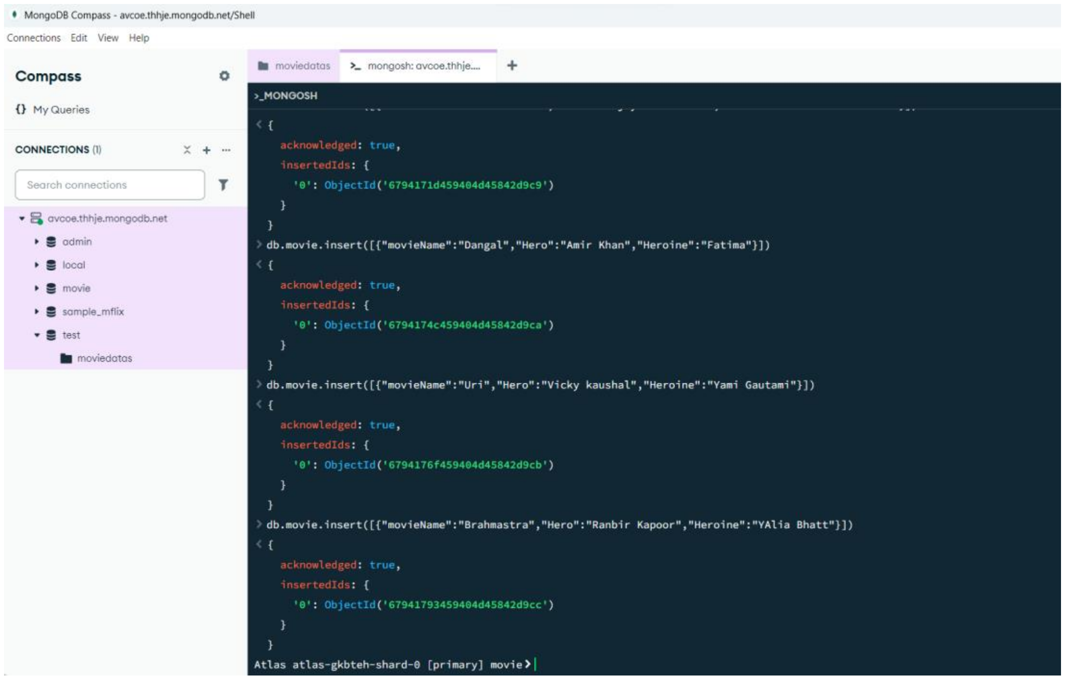
```
Microsoft Windows [Version 10.0.22621.3007]
(c) Microsoft Corporation. All rights reserved.

C:\Users\DELL\Desktop\html\Next Gen\day 9>node index.js
Example app listening on port 3000
```

localhost:3000

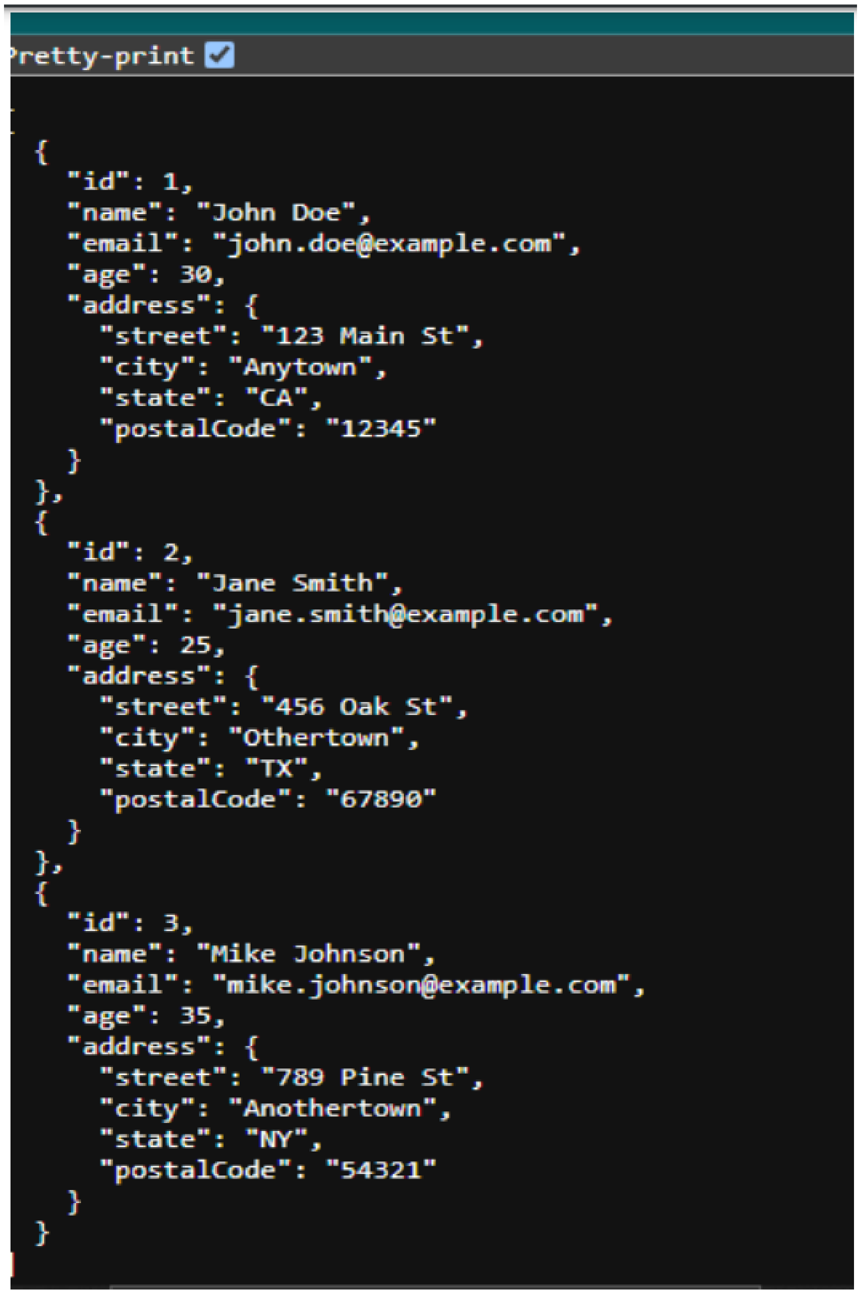
Pretty-print ✓

```
{
  "id": 68,
  "title": "samruddhi",
  "college": "avcoe"
}
```

Ln 22, Col 1   Spaces: 2   UTF-8   CRLF   JavaScript



```
< {
    acknowledged: true,
    insertedIds: {
      '0': ObjectId('6794171d459404d45842d9c9')
    }
  }
> db.movie.insert([{"movieName":"Dangal","Hero":"Amir Khan","Heroine":"Fatima"}])
< {
    acknowledged: true,
    insertedIds: {
      '0': ObjectId('6794174c459404d45842d9ca')
    }
  }
> db.movie.insert([{"movieName":"Uri","Hero":"Vicky kaushal","Heroine":"Yami Gautami"}])
< {
    acknowledged: true,
    insertedIds: {
      '0': ObjectId('6794176f459404d45842d9cb')
    }
  }
> db.movie.insert([{"movieName":"Brahmastra","Hero":"Ranbir Kapoor","Heroine":"YAlia Bhatt"}])
< {
    acknowledged: true,
    insertedIds: {
      '0': ObjectId('67941793459404d45842d9cc')
    }
  }
Atlas atlas-gkbteh-shard-0 [primary] movie>
```

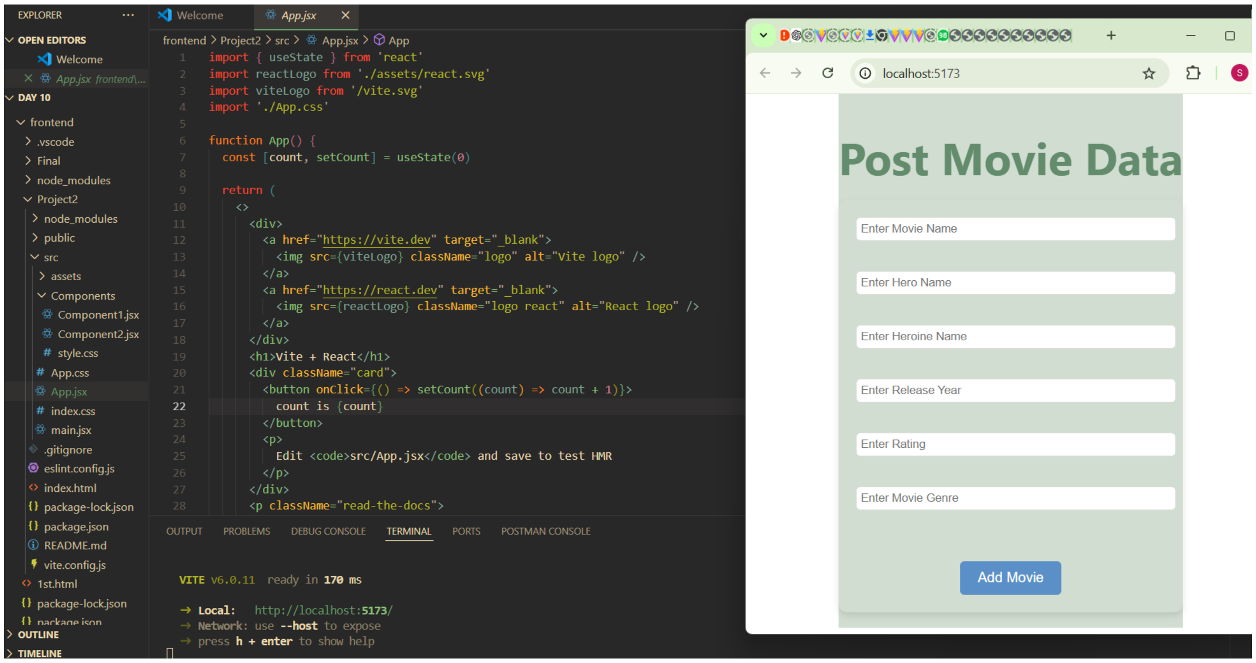


Pretty-print ✓

```
[
  {
    "id": 1,
    "name": "John Doe",
    "email": "john.doe@example.com",
    "age": 30,
    "address": {
      "street": "123 Main St",
      "city": "Anytown",
      "state": "CA",
      "postalCode": "12345"
    }
  },
  {
    "id": 2,
    "name": "Jane Smith",
    "email": "jane.smith@example.com",
    "age": 25,
    "address": {
      "street": "456 Oak St",
      "city": "Othertown",
      "state": "TX",
      "postalCode": "67890"
    }
  },
  {
    "id": 3,
    "name": "Mike Johnson",
    "email": "mike.johnson@example.com",
    "age": 35,
    "address": {
      "street": "789 Pine St",
      "city": "Anothertown",
      "state": "NY",
      "postalCode": "54321"
    }
  }
]
```

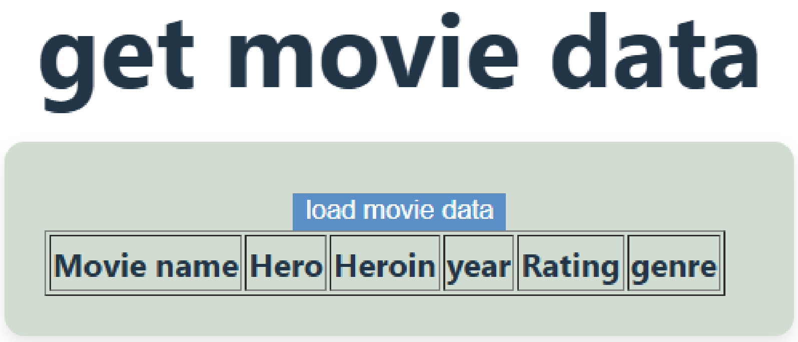
Day -10

Frontend :



```jsx
import { useState } from 'react'
import reactLogo from './assets/react.svg'
import viteLogo from '/vite.svg'
import './App.css'

function App() {
  const [count, setCount] = useState(0)

  return (
    <>
      <div>
        <a href="https://vite.dev" target="_blank">
          <img src={viteLogo} className="logo" alt="Vite logo" />
        </a>
        <a href="https://react.dev" target="_blank">
          <img src={reactLogo} className="logo react" alt="React logo" />
        </a>
      </div>
      <h1>Vite + React</h1>
      <div className="card">
        <button onClick={() => setCount((count) => count + 1)}>
          count is {count}
        </button>
        <p>
          Edit <code>src/App.jsx</code> and save to test HMR
        </p>
      </div>
      <p className="read-the-docs">
```

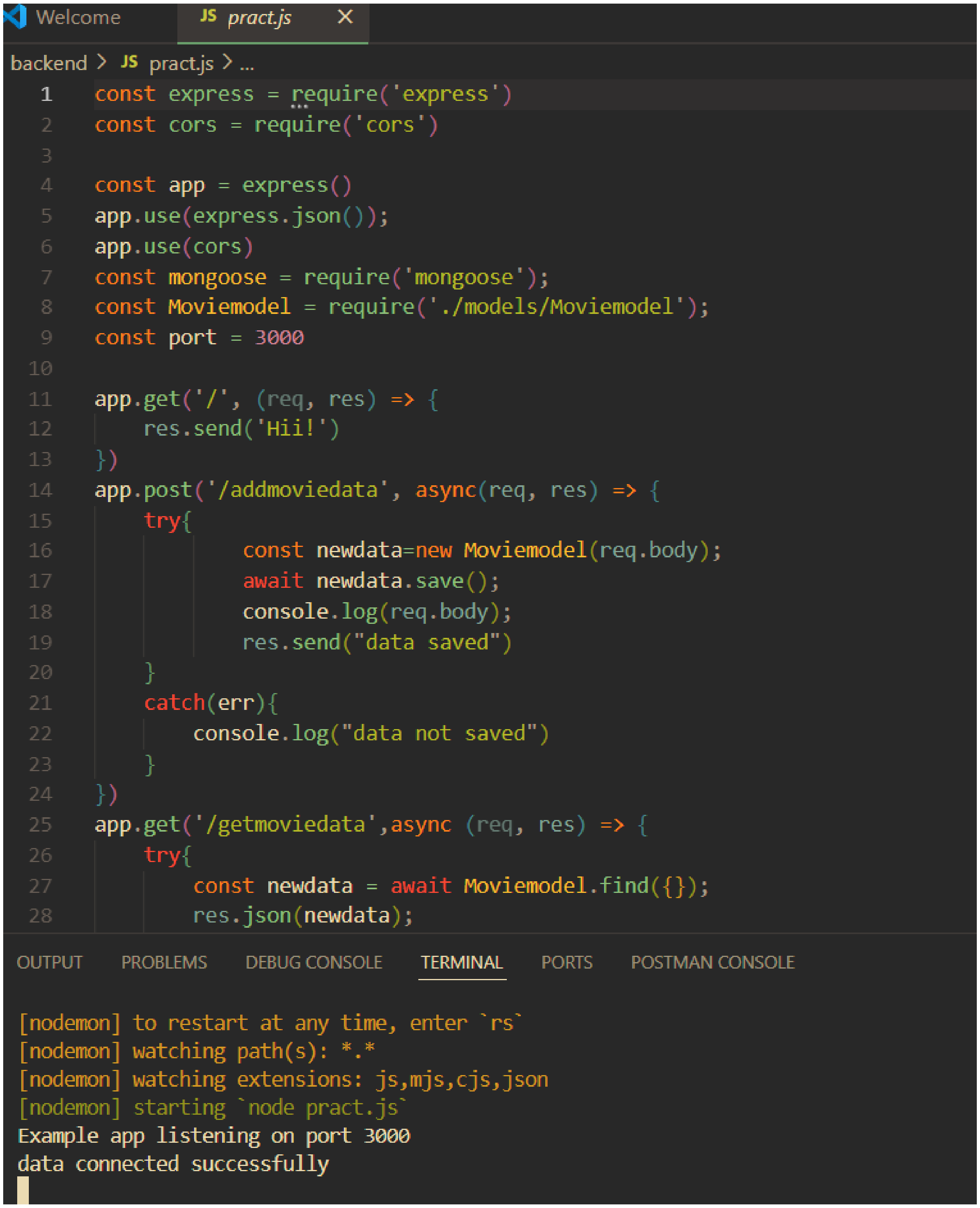
```
VITE v6.0.11  ready in 170 ms

➜  Local:   http://localhost:5173/
➜  Network: use --host to expose
➜  press h + enter to show help
```



get movie data

Movie name	Hero	Heroin	year	Rating	genre

Backend:



Welcome | pract.js

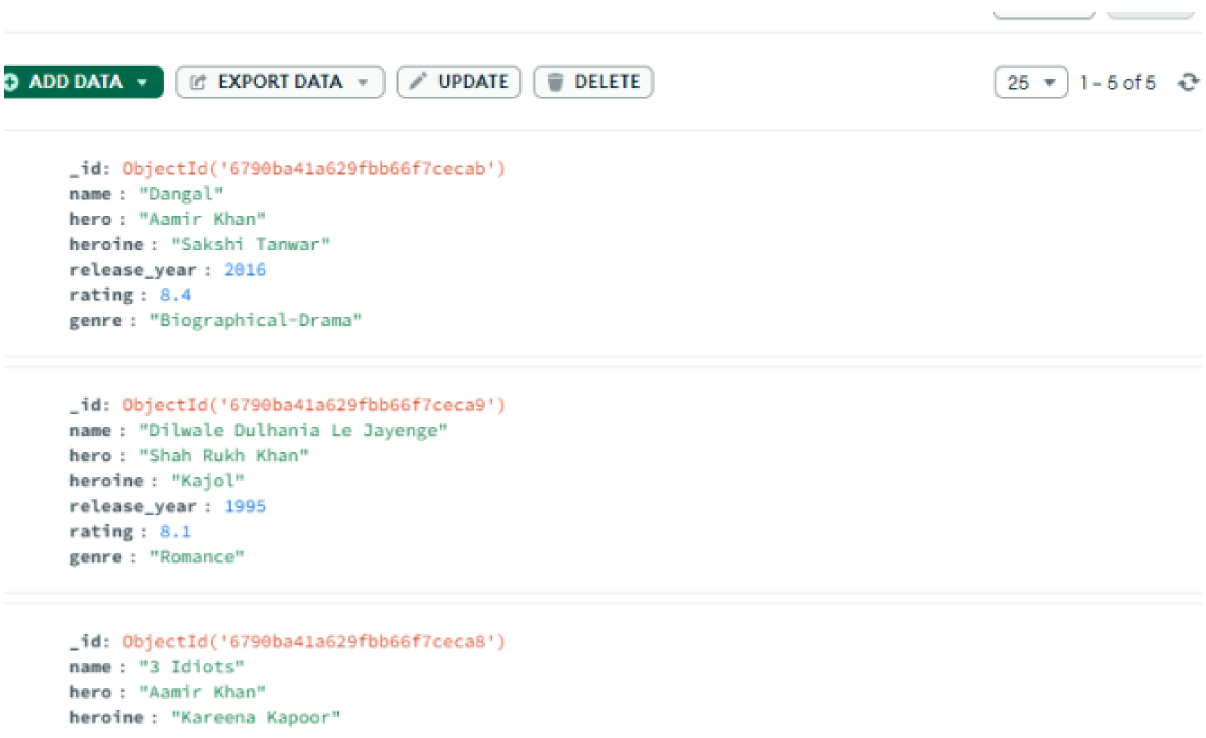
backend > pract.js > ...

```
const express = require('express')
const cors = require('cors')

const app = express()
app.use(express.json());
app.use(cors)
const mongoose = require('mongoose');
const Moviemodel = require('./models/Moviemodel');
const port = 3000

app.get('/', (req, res) => {
    res.send('Hii!')
})
app.post('/addmoviedata', async(req, res) => {
    try{
            const newdata=new Moviemodel(req.body);
            await newdata.save();
            console.log(req.body);
            res.send("data saved")
    }
    catch(err){
        console.log("data not saved")
    }
})
app.get('/getmoviedata',async (req, res) => {
    try{
        const newdata = await Moviemodel.find({});
        res.json(newdata);
```

OUTPUT   PROBLEMS   DEBUG CONSOLE   TERMINAL   PORTS   POSTMAN CONSOLE

```
[nodemon] to restart at any time, enter `rs`
[nodemon] watching path(s): *.*
[nodemon] watching extensions: js,mjs,cjs,json
[nodemon] starting `node pract.js`
Example app listening on port 3000
data connected successfully
```

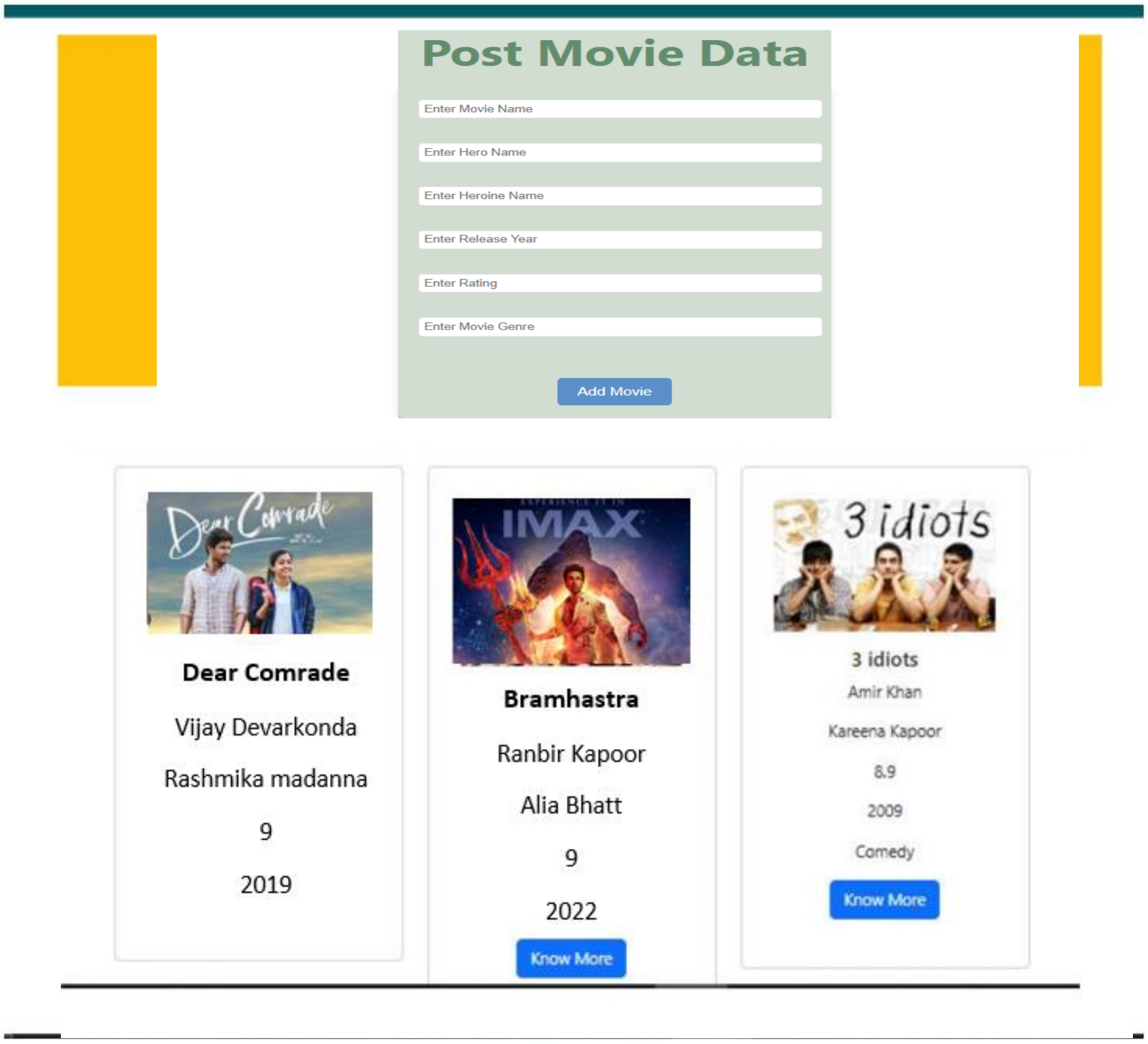
Day -11



```
_id: ObjectId('6790ba41a629fbb66f7cecab')
name : "Dangal"
hero : "Aamir Khan"
heroine : "Sakshi Tanwar"
release_year : 2016
rating : 8.4
genre : "Biographical-Drama"
```

```
_id: ObjectId('6790ba41a629fbb66f7ceca9')
name : "Dilwale Dulhania Le Jayenge"
hero : "Shah Rukh Khan"
heroine : "Kajol"
release_year : 1995
rating : 8.1
genre : "Romance"
```

```
_id: ObjectId('6790ba41a629fbb66f7ceca8')
name : "3 Idiots"
hero : "Aamir Khan"
heroine : "Kareena Kapoor"
```



Post Movie Data

Enter Movie Name

Enter Hero Name

Enter Heroine Name

Enter Release Year

Enter Rating

Enter Movie Genre

Add Movie

Dear Comrade

Vijay Devarkonda

Rashmika madanna

9

2019

Bramhastra

Ranbir Kapoor

Alia Bhatt

9

2022

Know More

3 idiots

Amir Khan

Kareena Kapoor

8.9

2009

Comedy

Know More