

# UDAY AGRAWAL PORTFOLIO

Email: [agrawaluday294@gmail.com](mailto:agrawaluday294@gmail.com)

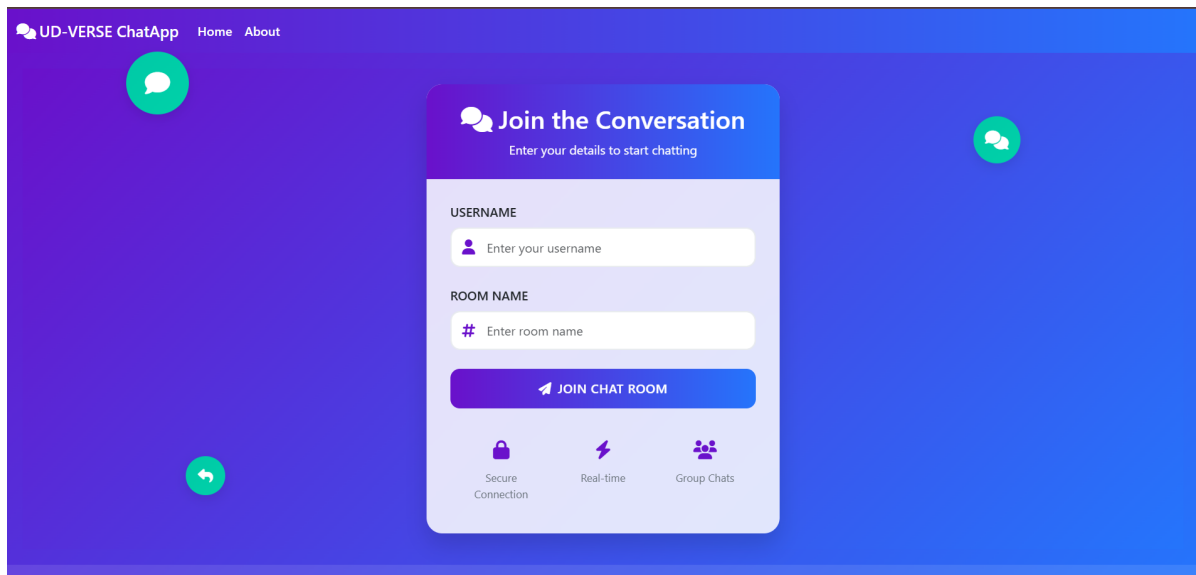
Title: STUDENT

Course: FULL STACK WEB DEVELOPMENT



## Title: UD-VERSE ChatApp

Category: Web Development



## Title: Blog Stream – API-Driven Content Viewer

Category: Web Development

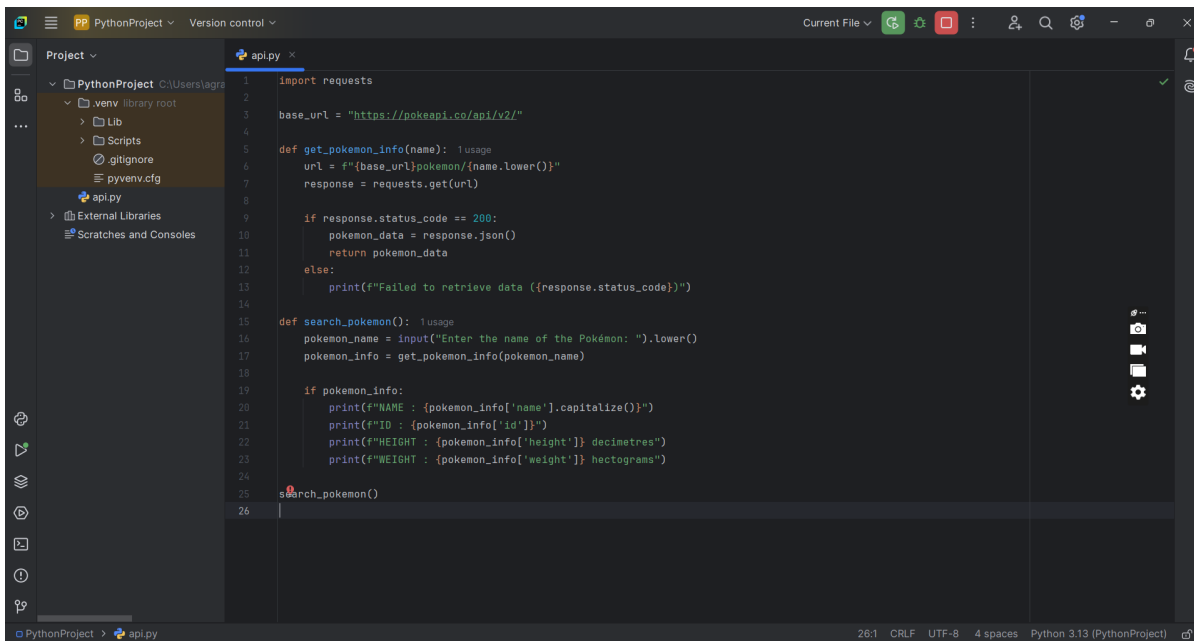


The screenshot displays a grid titled "All Blog Posts" containing 12 individual post cards. Each card features a book title, author name, a brief description, and a timestamp. The posts are arranged in three rows and four columns.

Post Title	Author	Description	Timestamp
Clean Code Principles	Robert C. Martin	This book teaches software craftsmanship and writing clean, maintainable code.	March 23, 2025 at 10:15 PM
Refactoring for Better Code	Martin Fowler	A guide to improving code structure and reducing technical debt.	March 23, 2025 at 10:15 PM
Python Crash Course	Eric Matthes	An excellent beginner-friendly book to learn Python with real-world projects.	March 23, 2025 at 10:16 PM
Python Crash Course	Eric Matthes	An excellent beginner-friendly book to learn Python with real-world projects.	March 23, 2025 at 10:16 PM
You Don't Know JS	Kyle Simpson	A deep dive into JavaScript concepts like closures, scope, and async programming.	March 23, 2025 at 10:17 PM
Grokking Algorithms	Aditya Bhargava	An illustrated book explaining algorithms in a simple and visual way.	March 23, 2025 at 10:17 PM
The Good Parts	Douglas Crockford	A concise guide to JavaScript's most powerful and effective features.	March 23, 2025 at 10:18 PM
Automate the Boring Stuff with Python	Al Sweigart	A book teaching how to automate everyday tasks using Python scripting.	March 23, 2025 at 10:19 PM
Building Microservices	Sam Newman	A book about designing scalable and	
Building Microservices	Sam Newman	A book about designing scalable and	
The Phoenix Project	Gene Kim	A novel that explains DevOps	
Architecture in Practice	Len Bass	A deep dive into architectural	

## Title: Pokémon Data Fetcher using PokeAPI

Category: Web Development

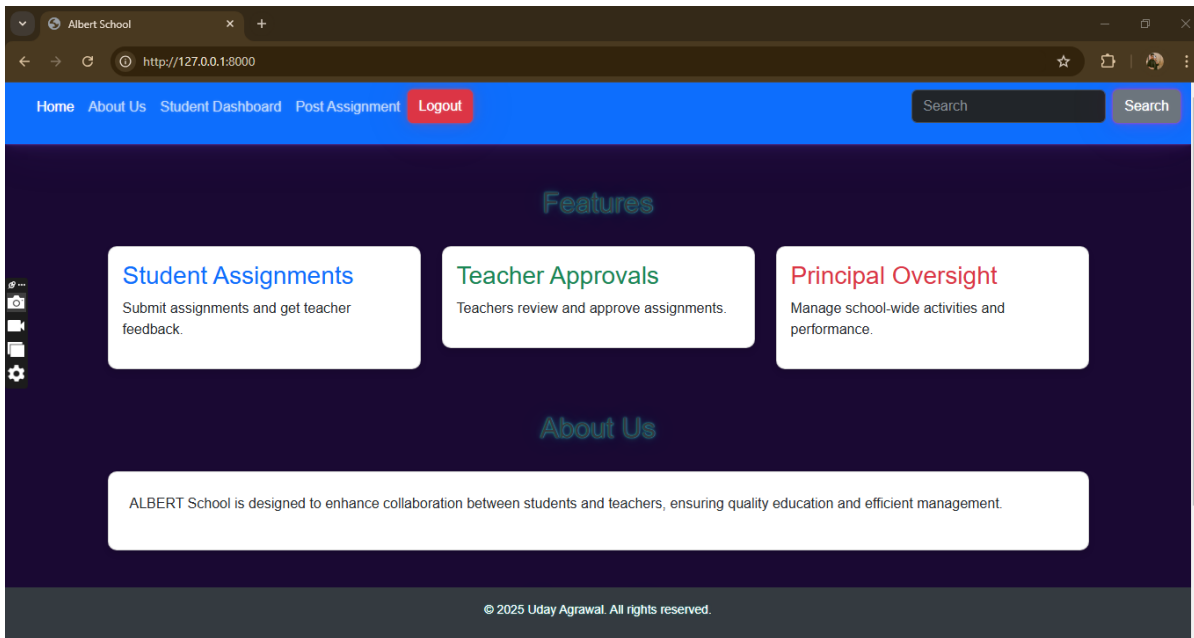


```
1 import requests
2
3 base_url = "https://pokeapi.co/api/v2/"
4
5 def get_pokemon_info(name):
6     url = f"{base_url}pokemon/{name.lower()}"
7     response = requests.get(url)
8
9     if response.status_code == 200:
10        pokemon_data = response.json()
11        return pokemon_data
12    else:
13        print(f"Failed to retrieve data ({response.status_code})")
14
15 def search_pokemon():
16     pokemon_name = input("Enter the name of the Pokémon: ").lower()
17     pokemon_info = get_pokemon_info(pokemon_name)
18
19     if pokemon_info:
20        print(f"NAME : {pokemon_info['name'].capitalize()}")
21        print(f"ID : {pokemon_info['id']}")
22        print(f"HEIGHT : {pokemon_info['height']} decimetres")
23        print(f"WEIGHT : {pokemon_info['weight']} hectograms")
24
25 search_pokemon()
26
```

PythonProject | Version control | Current File | Python 3.13 (PythonProject)

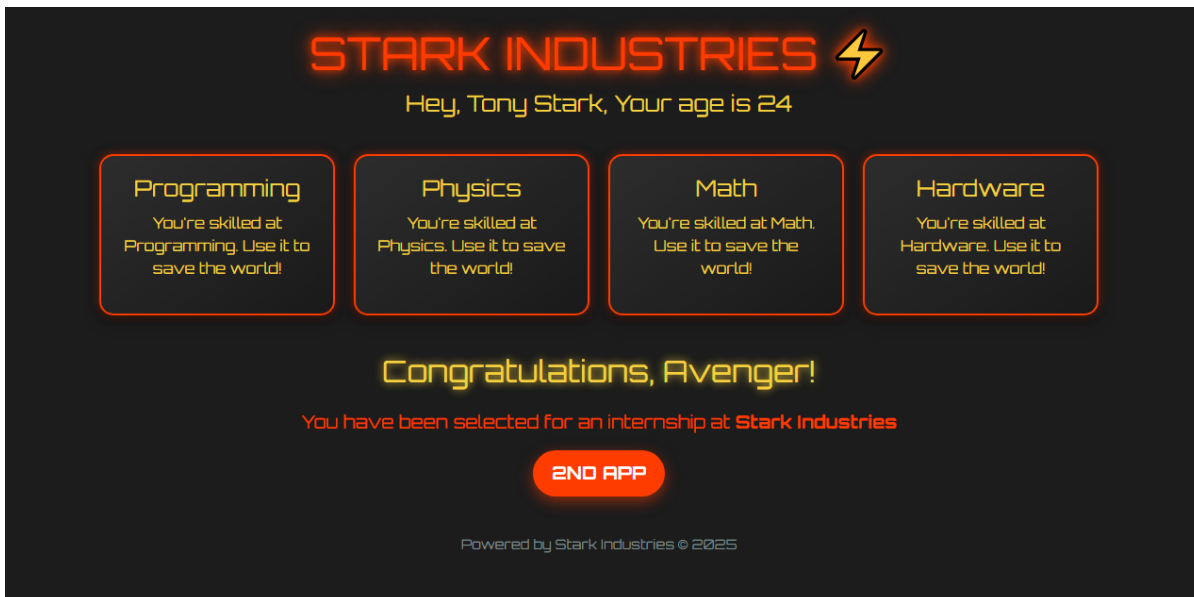
## Title: Assignment upload portal

Category: Web Development



# Title: Django Multi-App Project

Category: Web Development



# Title: Registering user in Django

Category: Web Development

### Welcome to Our Platform!

Hi {{ user.first\_name }},

Thank you for signing up on our platform. We're excited to have you with us!

You can log in using the following credentials:

**Username:** {{ user.username }}

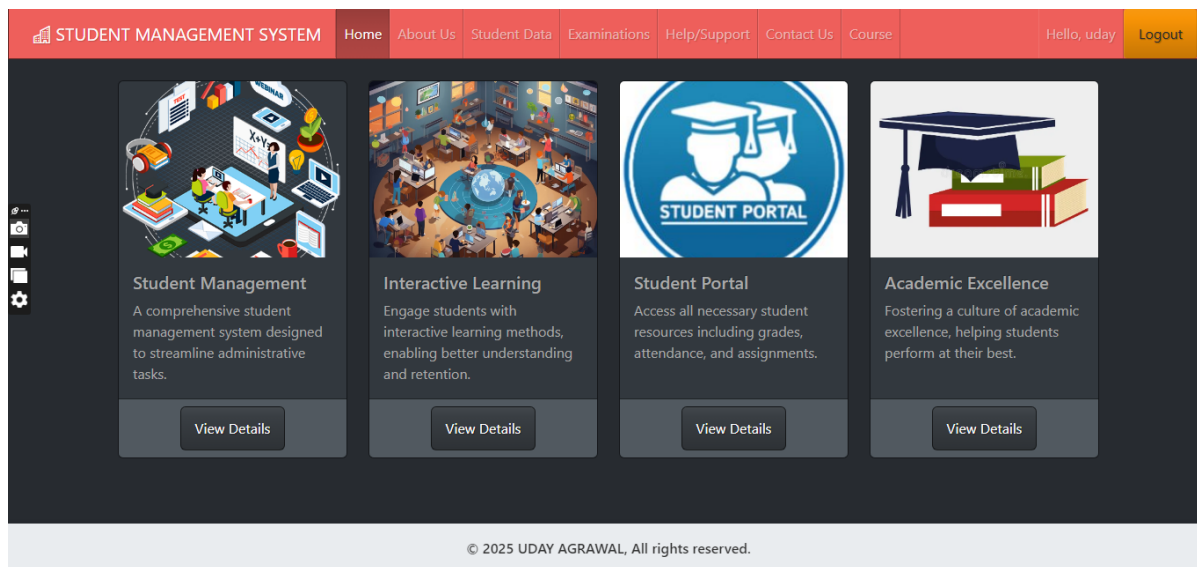
**Password:** {{ password }}

For security purposes, please do not share this email with anyone.

Best regards,  
The Team

## Title: CRUD-Operation in Django

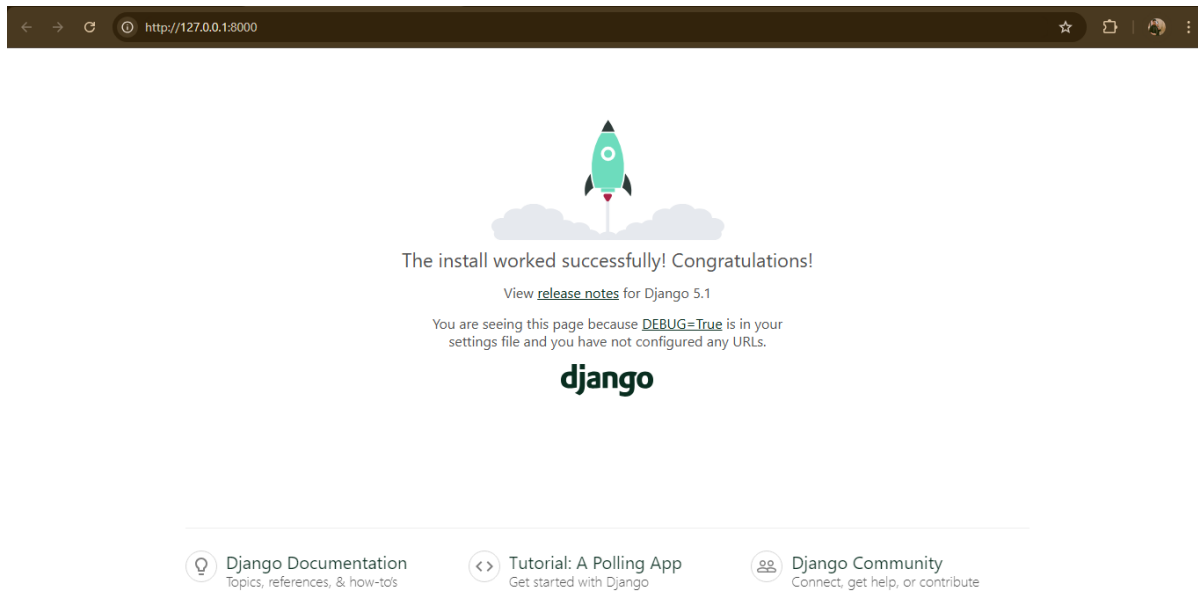
Category: Web Development



The screenshot displays a web application interface for a Student Management System. At the top, a red navigation bar contains the title "STUDENT MANAGEMENT SYSTEM" and several menu items: Home, About Us, Student Data, Examinations, Help/Support, Contact Us, and Course. On the right side of the navigation bar, it shows a user greeting "Hello, uday" and a "Logout" button. Below the navigation bar, the main content area features four dark grey cards, each with a distinct icon and text. The first card, "Student Management", includes an icon of a person at a computer and a description: "A comprehensive student management system designed to streamline administrative tasks." The second card, "Interactive Learning", features a classroom icon and describes "Engage students with interactive learning methods, enabling better understanding and retention." The third card, "Student Portal", has a graduation cap icon and states "Access all necessary student resources including grades, attendance, and assignments." The fourth card, "Academic Excellence", shows a stack of books and a graduation cap, with the text "Fostering a culture of academic excellence, helping students perform at their best." Each card has a "View Details" button at the bottom. A vertical sidebar on the left contains icons for home, search, and settings. At the bottom of the page, a copyright notice reads "© 2025 UDAY AGRAWAL, All rights reserved."

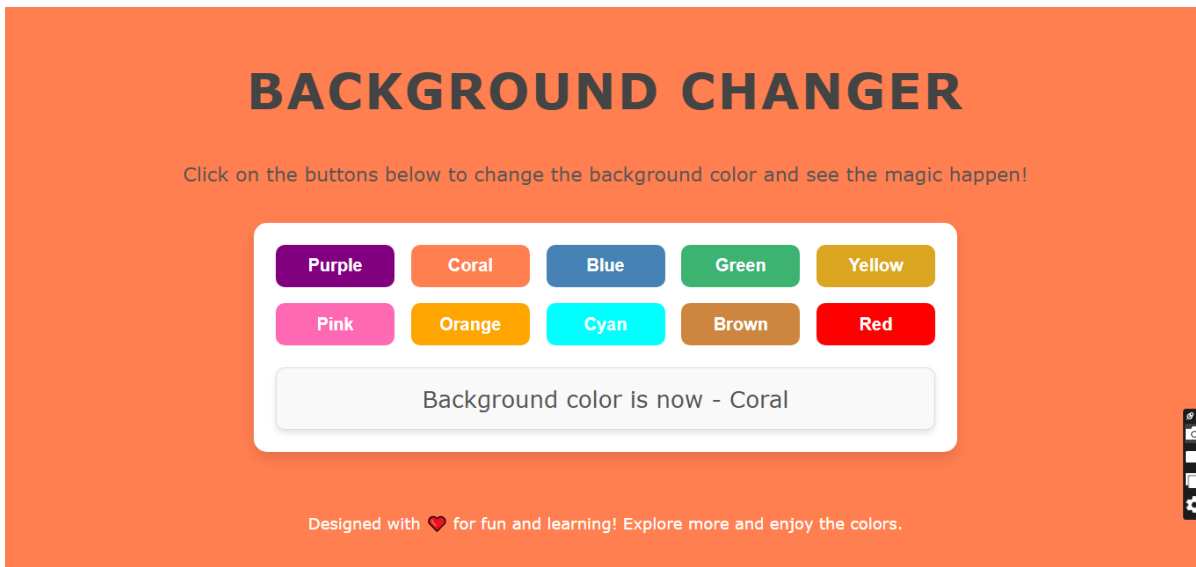
# Title: Installation of Django

Category: Web Development



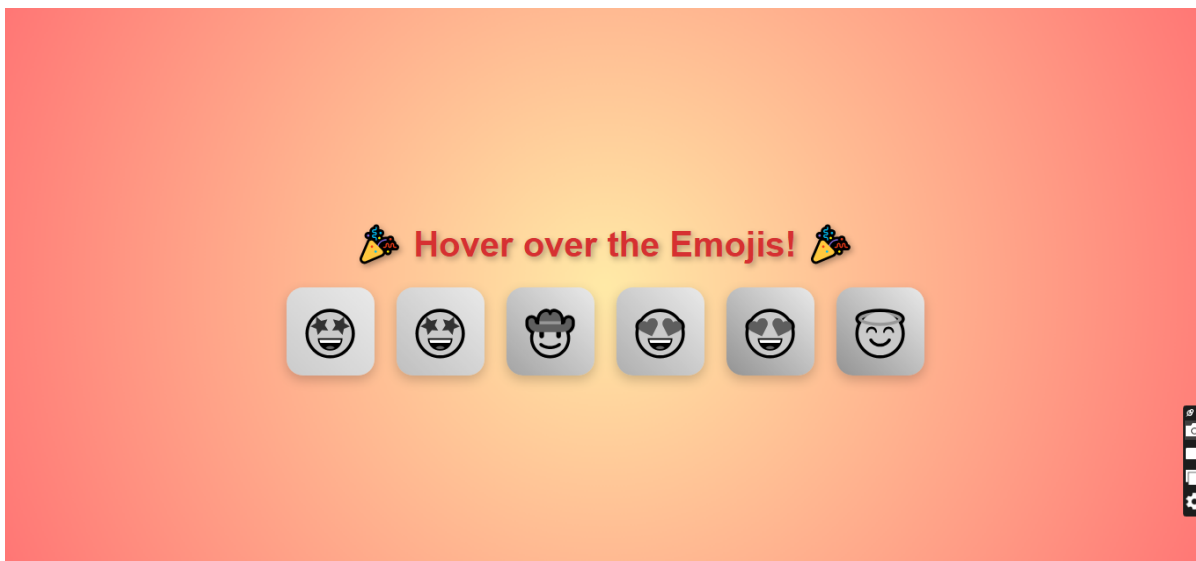
# Title: Background Changer

Category: Web Development



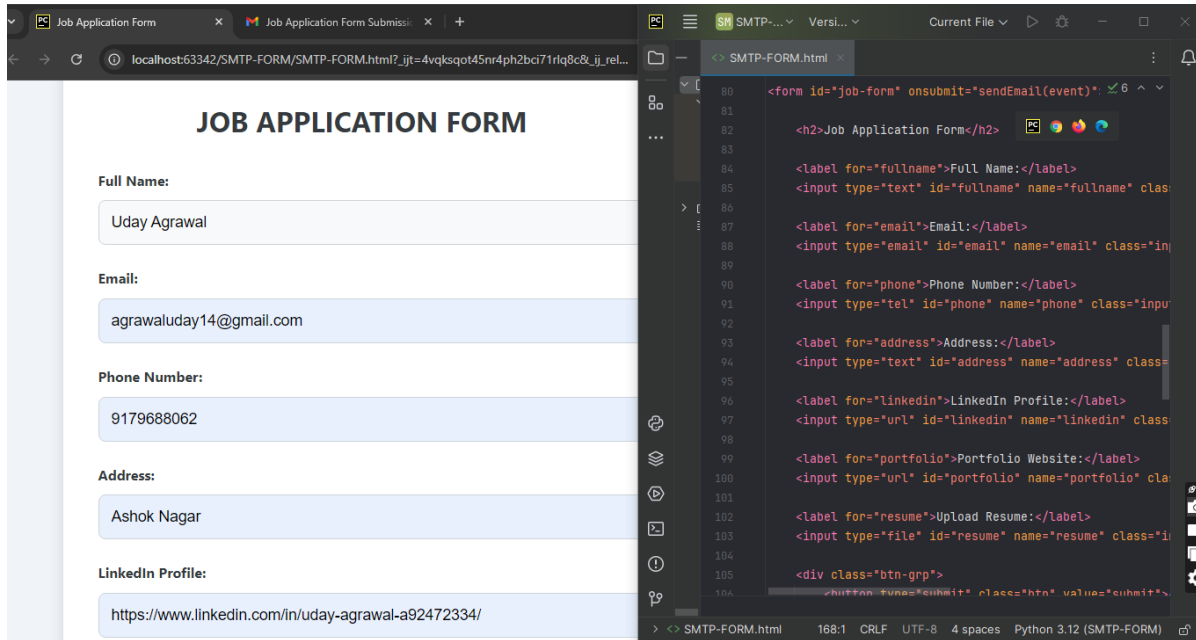
# Title: Emoji-changer

Category: Web Development



## Title: SMTP-JOB APPLICATION FORM

Category: Web Development



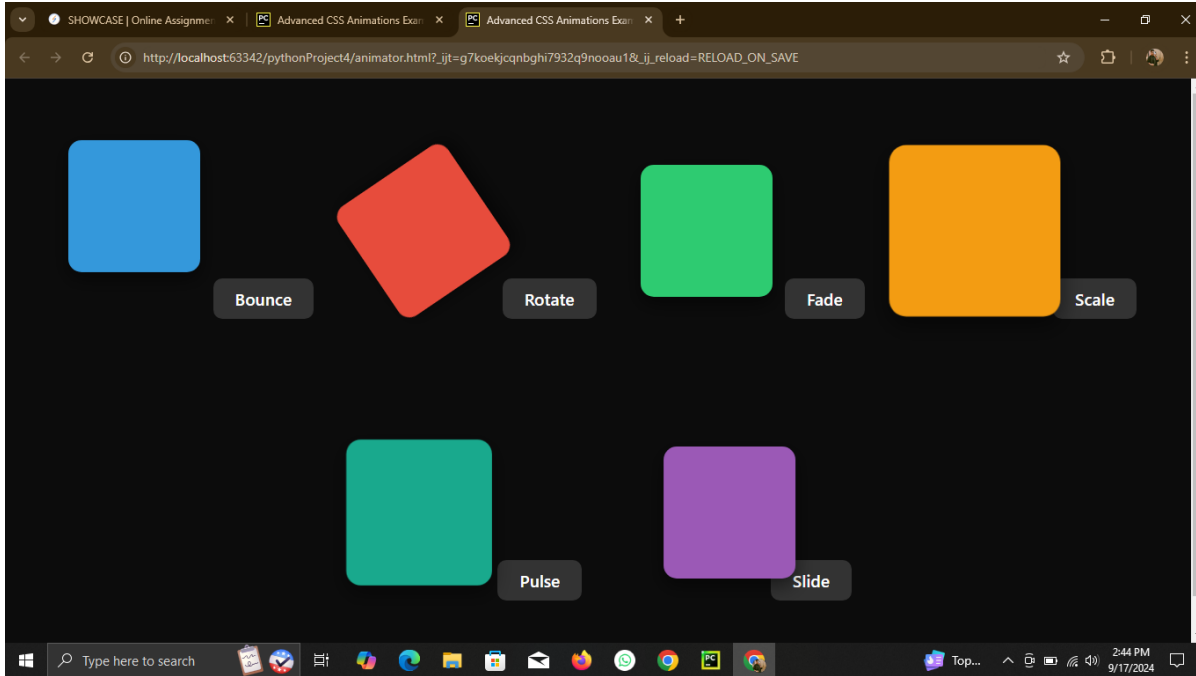
## Title: Informative & stylish web-page

Category: Web Development



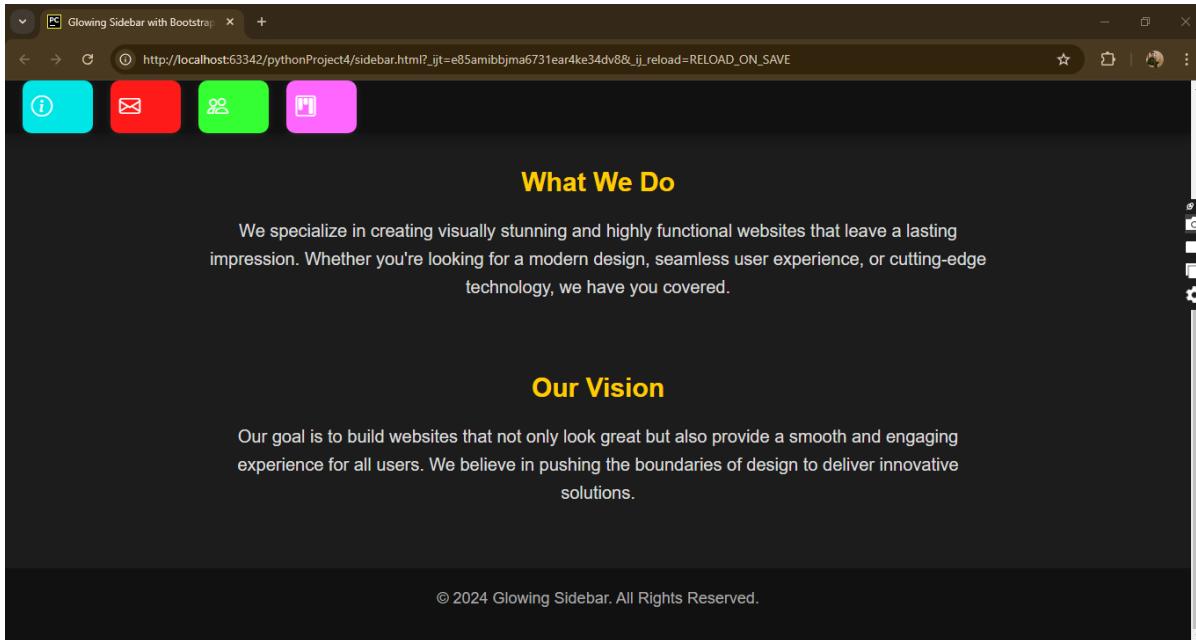
## Title: CSS animations

Category: Web Development



## Title: HTML page with sidebar & icons

Category: Web Development



## Title: STYLISH TABLE

Category: Web Development

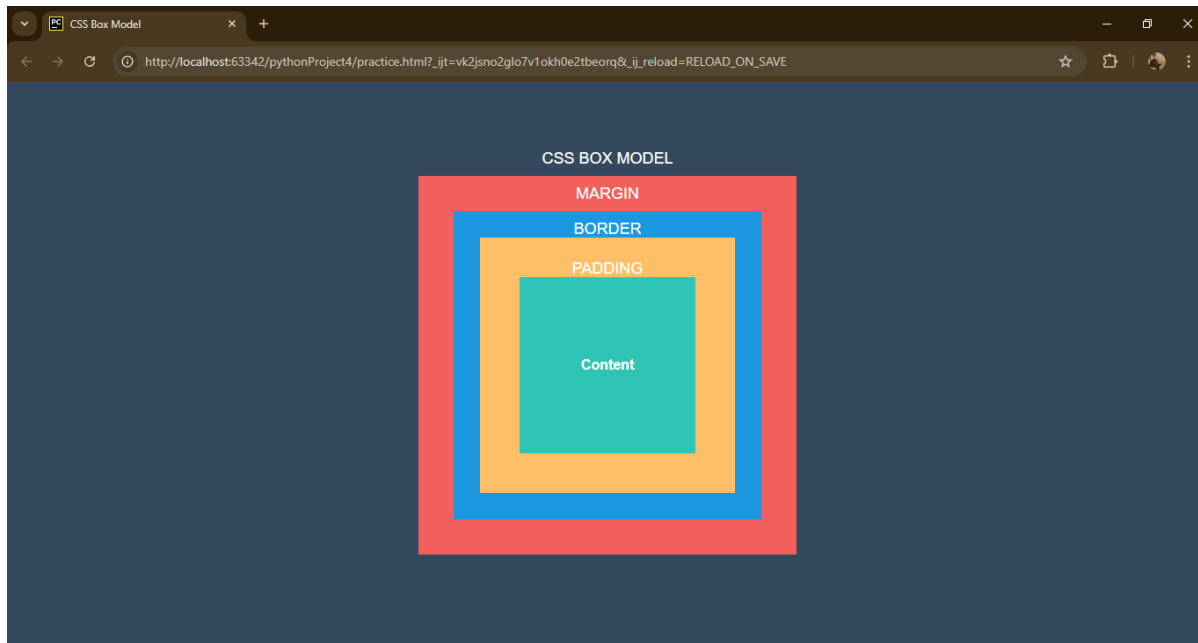
### IT MEMBERS OF SHUBHKAMNA INSTITUTE

S.NO	NAME	DESIGNATION	COURSE
1.	Piyush Jain	Faculty	IT
2.	Uday Agrawal	Student	Web dev
3.	Aniruddh Diwan	Student	Web dev
4.	Abhijeet Yadav	Student	Web dev
5.	Akriti Tamrakar	Student	Web dev
6.	khilesh sahu	Student	Web dev
7.	Shreshth Vishwakarma	Student	Web dev
8.	Mantasha Sultana	Student	Web dev
9.	Pankaj Diwan	Student	Web dev
10.	Mahendra Manikpuri	Student	Web dev
















## Title: CSS BOX MODEL

Category: Web Development



## Title: Table with Icons

Category: Web Development

Icons Table - by Uday			
S.NO	ICON	NAMES	
1		SNAPCHAT	
2		INSTAGRAM	
3		FACEBOOK	
4		TELEGRAM	
5		THREADS	
6		WHATSAPP	
7		WIFI	
8		TWITTER	
9		XBOX	
10		YOUTUBE	
11		WINDOWS	
12		TRASH	
13		STAR	

Activate Windows  
Go to Settings to activate Windows.

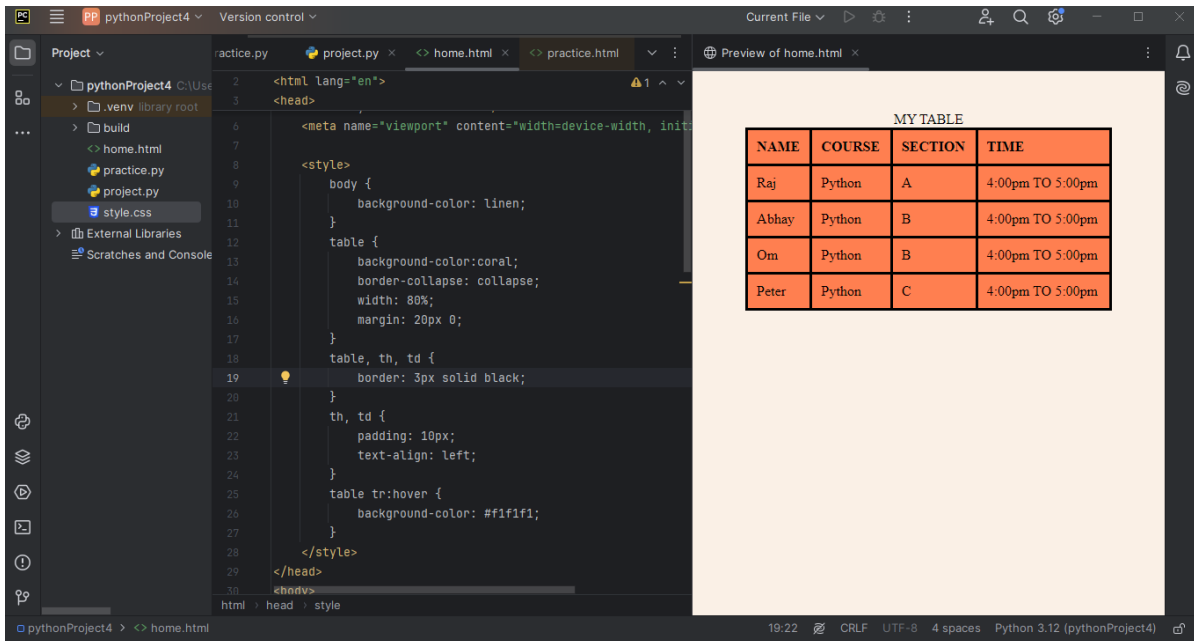
## Title: Poster for Independence day

Category: Web Development



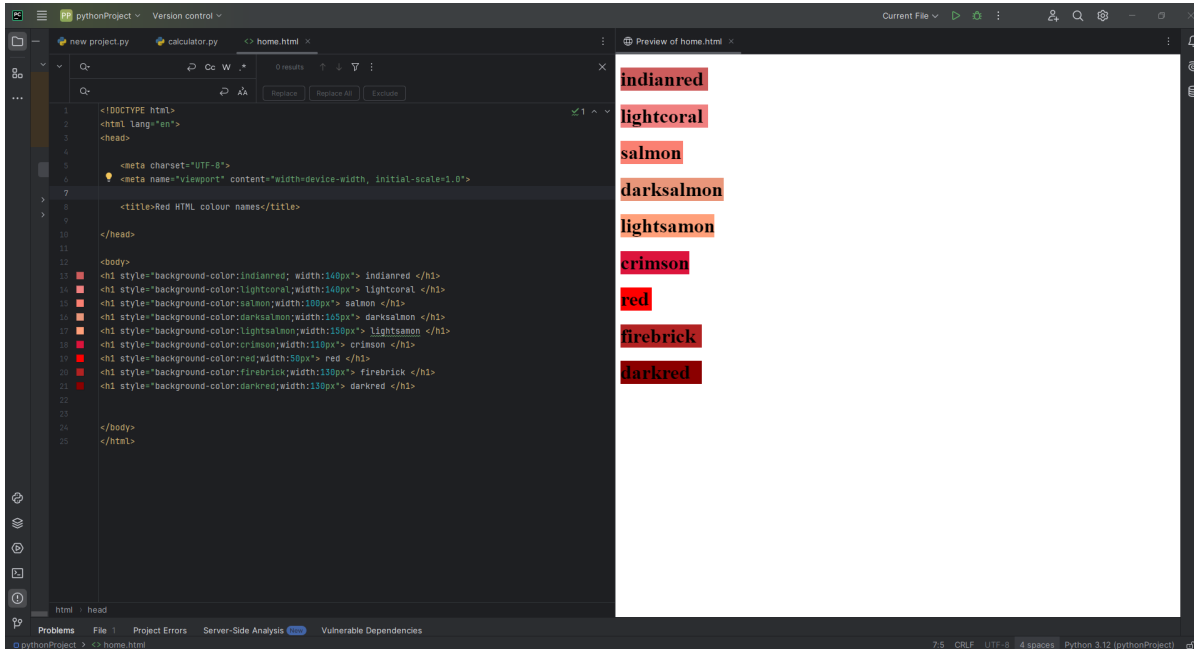
## Title: TABLE

Category: Web Development



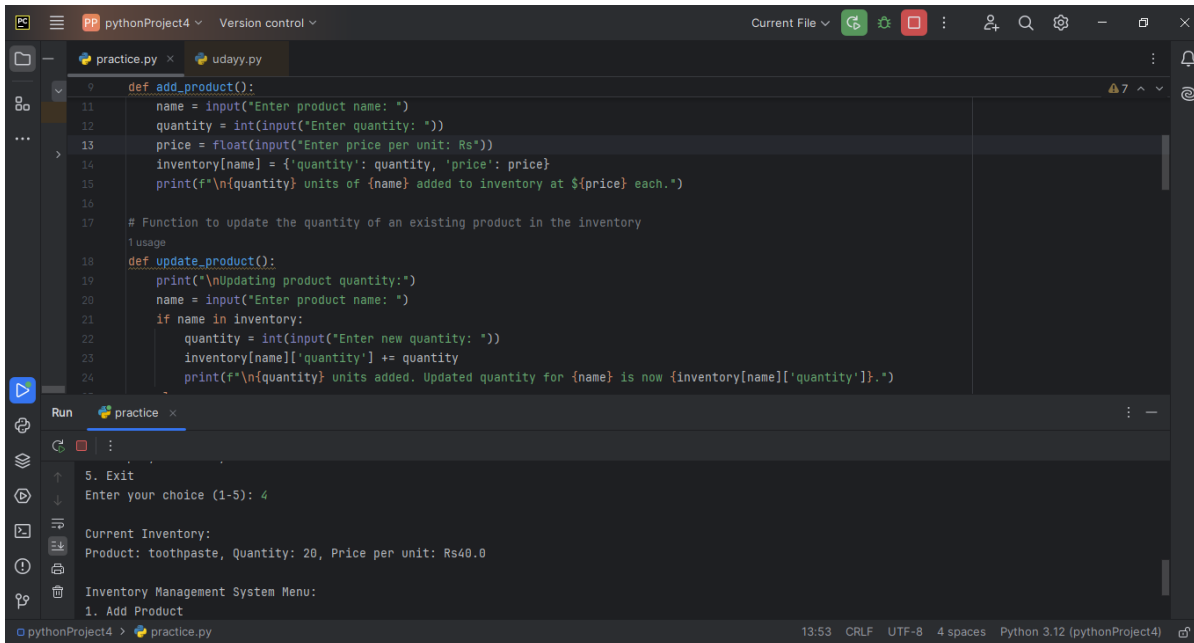
## Title: Red HTML colour names

Category: Web Development



## Title: inventory management system

Category: Programming



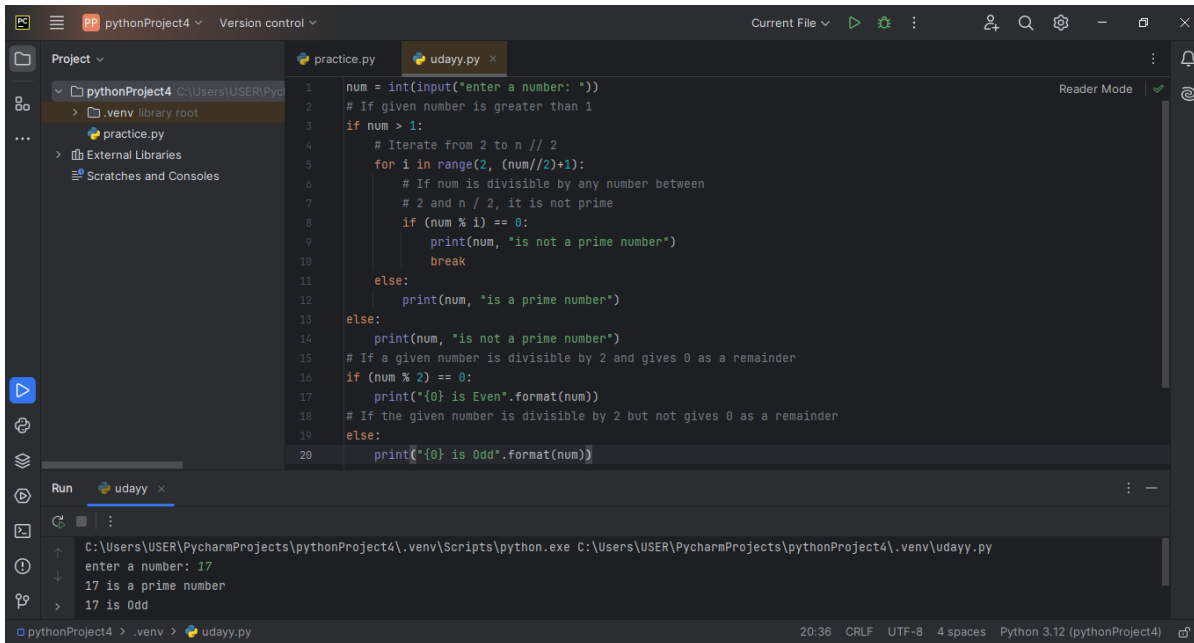
```
pythonProject4 Version control Current File
practice.py uday.py
def add_product():
    name = input("Enter product name: ")
    quantity = int(input("Enter quantity: "))
    price = float(input("Enter price per unit: Rs"))
    inventory[name] = {'quantity': quantity, 'price': price}
    print(f"\n{quantity} units of {name} added to inventory at ${price} each.")

# Function to update the quantity of an existing product in the inventory
usage
def update_product():
    print("\nUpdating product quantity:")
    name = input("Enter product name: ")
    if name in inventory:
        quantity = int(input("Enter new quantity: "))
        inventory[name]['quantity'] += quantity
        print(f"\n{quantity} units added. Updated quantity for {name} is now {inventory[name]['quantity']}")

Run practice
5. Exit
Enter your choice (1-5): 4
Current Inventory:
Product: toothpaste, Quantity: 20, Price per unit: Rs40.0
Inventory Management System Menu:
1. Add Product
pythonProject4 > practice.py 13:53 CRLF UTF-8 4 spaces Python 3.12 (pythonProject4)
```

## Title: Number Checker

Category: Programming



```
pythonProject4  Version control  Current File  Reader Mode  uday.py x
```

```
1 num = int(input("enter a number: "))
2 # If given number is greater than 1
3 if num > 1:
4     # Iterate from 2 to n // 2
5     for i in range(2, (num//2)+1):
6         # If num is divisible by any number between
7         # 2 and n / 2, it is not prime
8         if (num % i) == 0:
9             print(num, "is not a prime number")
10            break
11        else:
12            print(num, "is a prime number")
13    else:
14        print(num, "is not a prime number")
15    # If a given number is divisible by 2 and gives 0 as a remainder
16    if (num % 2) == 0:
17        print("{} is Even".format(num))
18    # If the given number is divisible by 2 but not gives 0 as a remainder
19    else:
20        print("{} is Odd".format(num))
```

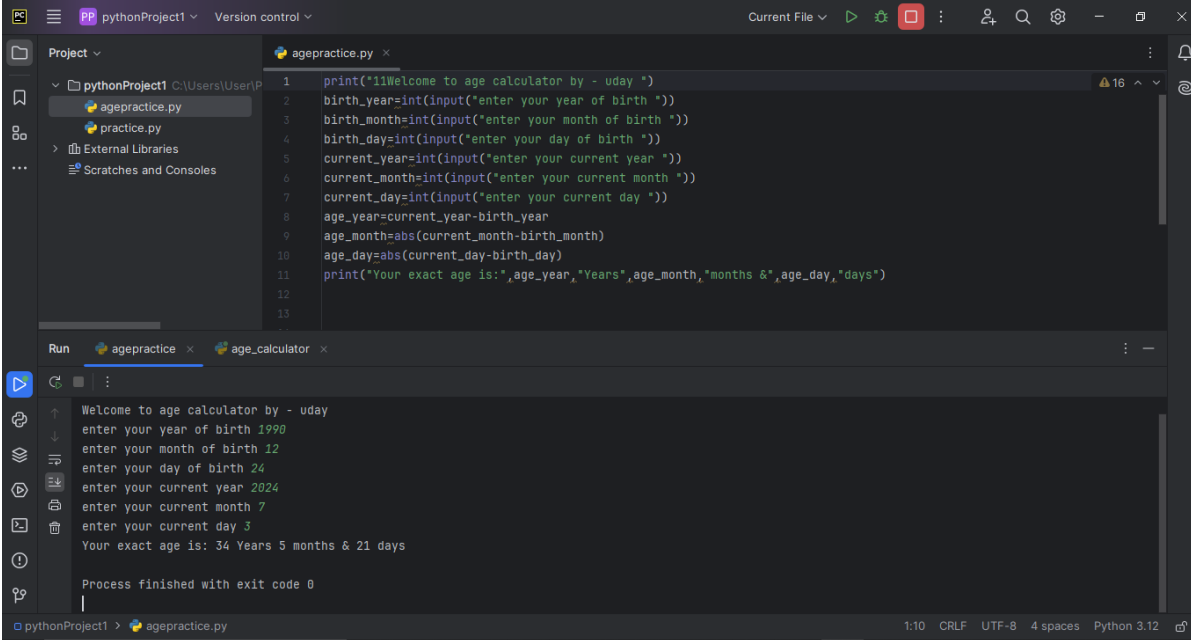
```
Run  uday x
```

```
C:\Users\USER\PycharmProjects\pythonProject4\.venv\Scripts\python.exe C:\Users\USER\PycharmProjects\pythonProject4\.venv\uday.py
enter a number: 17
17 is a prime number
17 is Odd
```

pythonProject4 > .venv > uday.py 20:36 CRLF UTF-8 4 spaces Python 3.12 (pythonProject4)

## Title: Age calculator

Category: Programming



```
1 print("Welcome to age calculator by - uday ")
2 birth_year=int(input("enter your year of birth "))
3 birth_month=int(input("enter your month of birth "))
4 birth_day=int(input("enter your day of birth "))
5 current_year=int(input("enter your current year "))
6 current_month=int(input("enter your current month "))
7 current_day=int(input("enter your current day "))
8 age_year=current_year-birth_year
9 age_month=abs(current_month-birth_month)
10 age_day=abs(current_day-birth_day)
11 print("Your exact age is:",age_year,"Years",age_month,"months & ",age_day,"days")
12
13
```

Run agepractice × age\_calculator ×

```
Welcome to age calculator by - uday
enter your year of birth 1990
enter your month of birth 12
enter your day of birth 24
enter your current year 2024
enter your current month 7
enter your current day 3
Your exact age is: 34 Years 5 months & 21 days

Process finished with exit code 0
```

pythonProject1 > agepractice.py 1:10 CRLF UTF-8 4 spaces Python 3.12

# About Shubhkamna Institute



## You Dream, We Deliver

Shubhkamna Institute is committed to delivering innovative, real-world learning experiences to students. Our courses are designed to equip students with the skills needed for success in today's competitive world.

## We offer the following courses:

### Web Development

Learn how to build modern websites and web applications.

### Computer Training

Master essential computer skills for personal and professional use.

### VFX (Visual Effects)

Create stunning visual effects for movies, games, and advertisements.

### Graphic Design

Design visually appealing graphics for digital and print media.

### Digital Marketing

Learn how to promote brands, products, and services online.

### Fashion Design

Create and design clothing, accessories, and trends in the fashion world.

### 2D/3D Animation

Bring characters and environments to life with animation techniques.

### Video Editing

Edit and create professional-quality videos for different media platforms.

---

## Contact Us:

[Shubhkamna Institute](#)

Phone: [+91-9834961442](tel:+91-9834961442)

Website: [www.shubhkamnainstitute.com](http://www.shubhkamnainstitute.com)