

# **NISHTHA SHRIVASTAVA PORTFOLIO**

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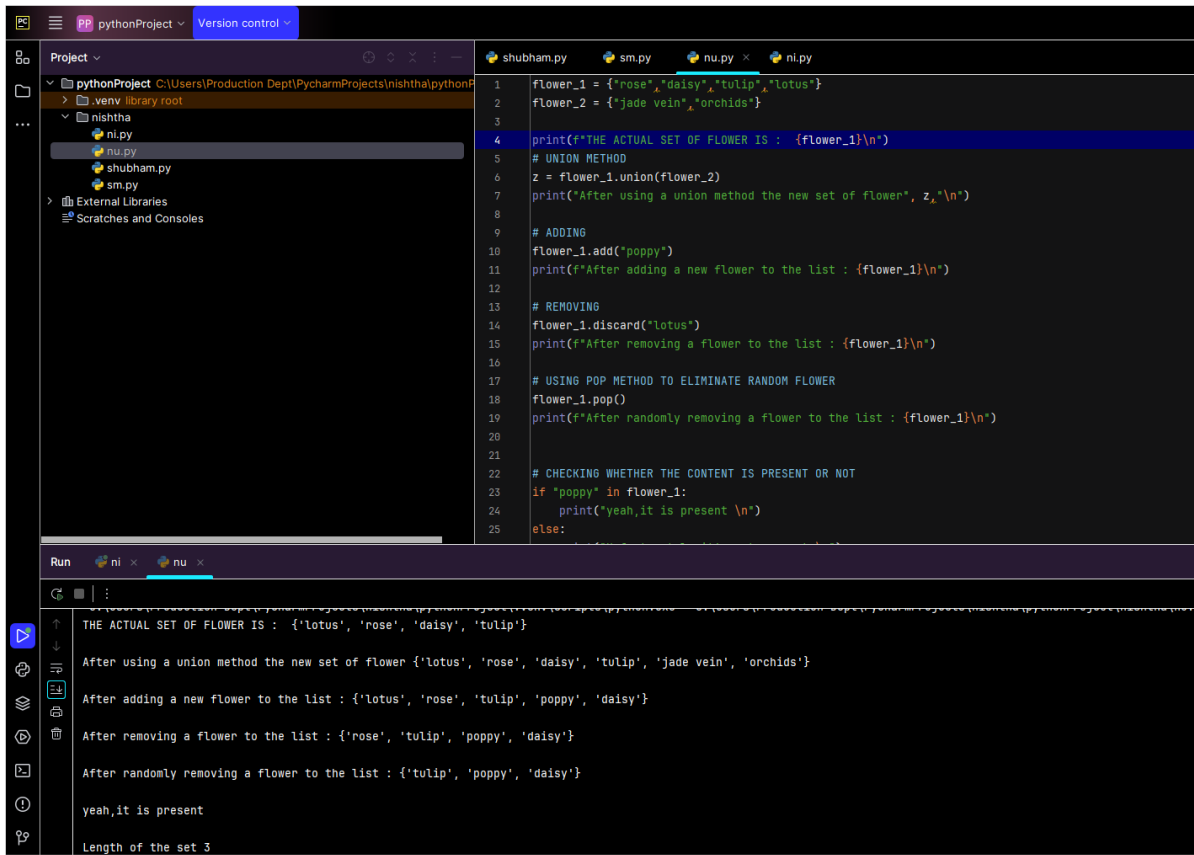
**Title: Student**

**Course: Python & Basic Computer**



## Title: {"SET METHOD"}

Category: Programming



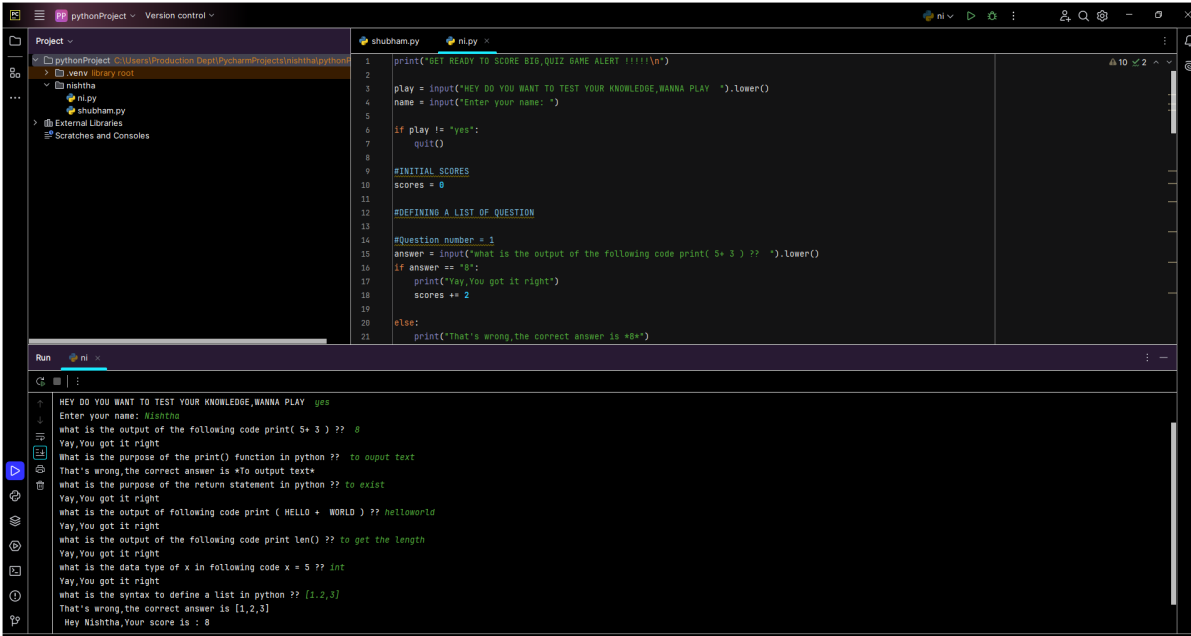
```
1 flower_1 = {'rose', 'daisy', 'tulip', 'lotus'}
2 flower_2 = {'jade vein', 'orchids'}
3
4 print(f"THE ACTUAL SET OF FLOWER IS : {flower_1}\n")
5 # UNION METHOD
6 z = flower_1.union(flower_2)
7 print("After using a union method the new set of flower", z, "\n")
8
9 # ADDING
10 flower_1.add("poppy")
11 print(f"After adding a new flower to the list : {flower_1}\n")
12
13 # REMOVING
14 flower_1.discard("lotus")
15 print(f"After removing a flower to the list : {flower_1}\n")
16
17 # USING POP METHOD TO ELIMINATE RANDOM FLOWER
18 flower_1.pop()
19 print(f"After randomly removing a flower to the list : {flower_1}\n")
20
21
22 # CHECKING WHETHER THE CONTENT IS PRESENT OR NOT
23 if "poppy" in flower_1:
24     print("yeah, it is present \n")
25 else:
```

Run

```
THE ACTUAL SET OF FLOWER IS : {'lotus', 'rose', 'daisy', 'tulip'}
After using a union method the new set of flower {'lotus', 'rose', 'daisy', 'tulip', 'jade vein', 'orchids'}
After adding a new flower to the list : {'lotus', 'rose', 'tulip', 'poppy', 'daisy'}
After removing a flower to the list : {'rose', 'tulip', 'poppy', 'daisy'}
After randomly removing a flower to the list : {'tulip', 'poppy', 'daisy'}
yeah, it is present
Length of the set 3
```

## Title: THE ULTIMATE QUIZ UP !!!!!

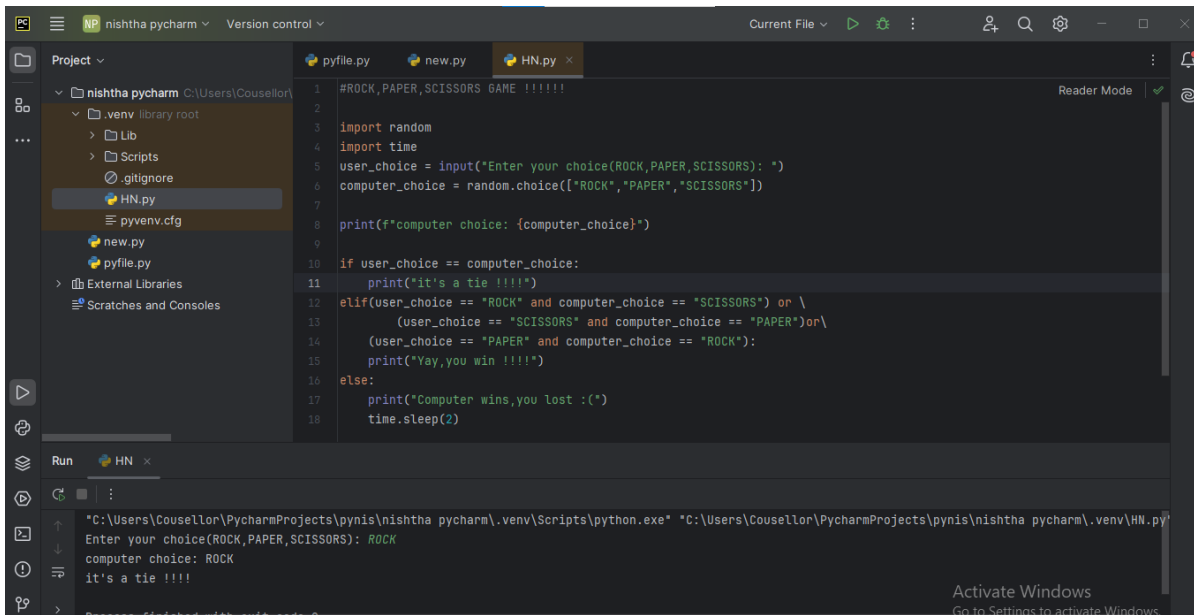
Category: Programming



```
pythonProject - Version control
Project
  pythonProject
  .venv
  library root
  nishtha
  ni.py
  shubham.py
  External Libraries
  Scratches and Consoles
shubham.py
1 print("GET READY TO SCORE BIG,QUIZ BARE ALERT !!!!!\n")
2
3 play = input("HEY DO YOU WANT TO TEST YOUR KNOWLEDGE,WANNA PLAY ").lower()
4 name = input("Enter your name: ")
5
6 if play != "yes":
7     quit()
8
9 #INITIAL SCORES
10 scores = 0
11
12 #DEFINING A LIST OF QUESTION
13
14 #Question number = 1
15 answer = input("what is the output of the following code print(5+3) ?? ").lower()
16 if answer == "8":
17     print("Yay,You got it right")
18     scores += 2
19
20 else:
21     print("That's wrong,the correct answer is +8")
Run
HEY DO YOU WANT TO TEST YOUR KNOWLEDGE,WANNA PLAY yes
Enter your name: Nishtha
what is the output of the following code print(5+3) ?? 8
Yay,You got it right
What is the purpose of the print() function in python ?? to ouput text
That's wrong,the correct answer is +to output text+
what is the purpose of the return statement in python ?? to exist
Yay,You got it right
what is the output of following code print ( HELLO + WORLD ) ?? helloworld
Yay,You got it right
what is the output of the following code print len() ?? to get the length
Yay,You got it right
what is the data type of x in following code x = 5 ?? int
Yay,You got it right
what is the syntax to define a list in python ?? [1,2,3]
That's wrong,the correct answer is [1,2,3]
Hey Nishtha,Your score is : 8
```

## Title: ROCK PAPER SCISSORS GAMEE

Category: Programming



```
1 #ROCK,PAPER,SCISSORS GAME !!!!!
2
3 import random
4 import time
5 user_choice = input("Enter your choice(ROCK,PAPER,SCISSORS): ")
6 computer_choice = random.choice(["ROCK","PAPER","SCISSORS"])
7
8 print(f"computer choice: {computer_choice}")
9
10 if user_choice == computer_choice:
11     print("it's a tie !!!!")
12 elif(user_choice == "ROCK" and computer_choice == "SCISSORS") or \
13      (user_choice == "SCISSORS" and computer_choice == "PAPER")or\
14      (user_choice == "PAPER" and computer_choice == "ROCK"):
15     print("Yay,you win !!!!")
16 else:
17     print("Computer wins,you lost :(")
18     time.sleep(2)
```

Run HN x

```
"C:\Users\Cousellor\PycharmProjects\pynis\nishtha_pycharm\.venv\Scripts\python.exe" "C:\Users\Cousellor\PycharmProjects\pynis\nishtha_pycharm\.venv\HN.py"
Enter your choice(ROCK,PAPER,SCISSORS): ROCK
computer choice: ROCK
it's a tie !!!!
```

Process finished with `exit` code: 0

Activate Windows  
Go to Settings to activate Windows

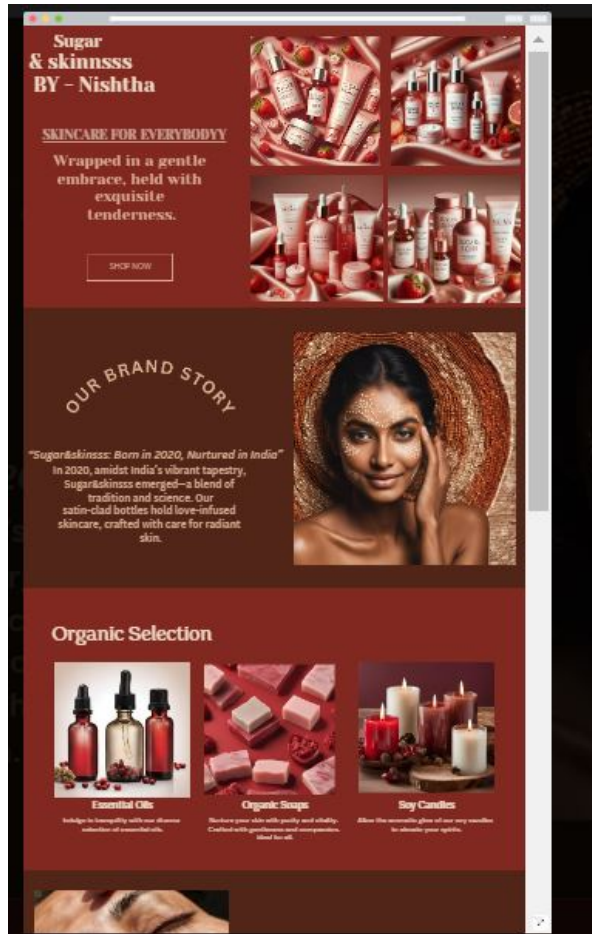
# Title: CREATING INVOICE

Category: Computers

| <b>Sugar &amp; skinss</b><br>123.st, Raipur ,INDIA<br>Mobile no: +916345275698 |                 |                       |              |               |
|--|-----------------|-----------------------|--------------|---------------|
| <b>INVOICE</b>   |                 |                       |              |               |
| Invoice no. _____  |                 | Date no. __ / __ / __ |              |               |
| Name _____   |                 |                       |              |               |
| Address: _____   |                 |                       |              |               |
| Mobile No. _____   |                 |                       |              |               |
| S NO.  | DESCRIPTION     | QTY                   | RATE         | AMOUNT        |
| 1.   | Vitamin-c serum | 1 Bottle              | 650/-        | 650/-         |
| 2.   | Face mask       | 1 Jar                 | 1000/-       | 1000/-        |
| 3.   | Lip scrub       | 1 Bottle              | 500/-        | 500/-         |
| 4.   | Moisturizer     | 1 Jar                 | 850/-        | 850/-         |
|  |                 |                       | <b>TOTAL</b> | <b>3000/-</b> |

# Title: CREATING A WEBSITE WITH TWIST BY CANVA

Category: Web Development



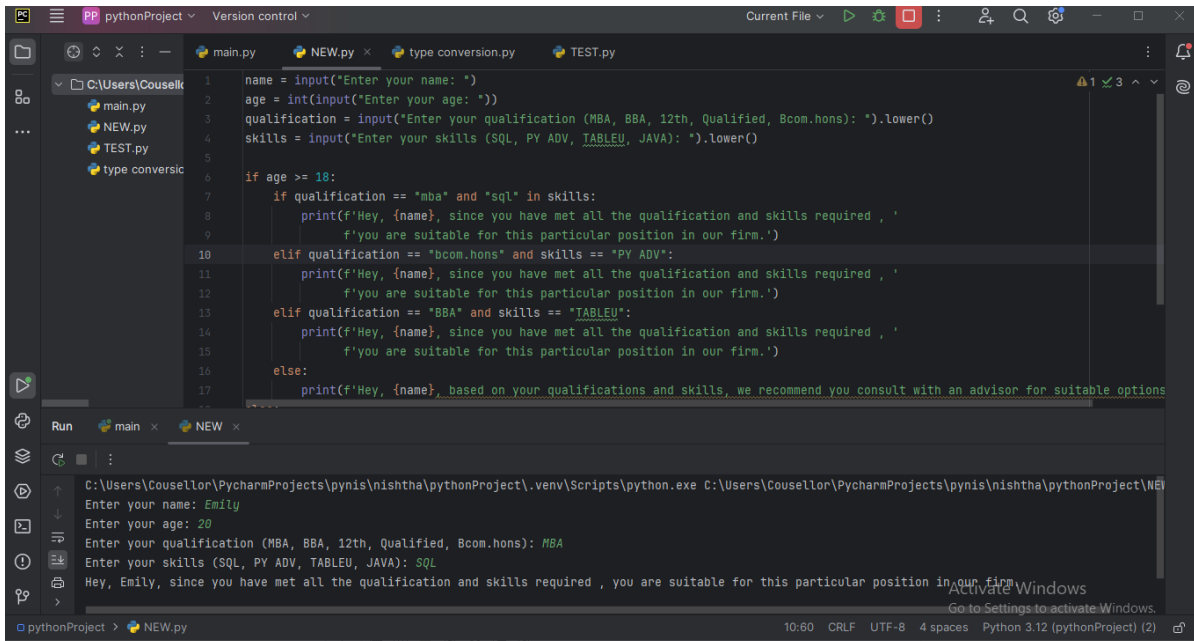
# Title: CRAFTING A YOUTUBE THUMBNAIL

Category: Graphics



## Title: PYTHON COUNSELLOR

Category: Programming



```
1 name = input("Enter your name: ")
2 age = int(input("Enter your age: "))
3 qualification = input("Enter your qualification (MBA, BBA, 12th, Qualified, Bcom.hons): ").lower()
4 skills = input("Enter your skills (SQL, PY ADV, TABLEU, JAVA): ").lower()
5
6 if age >= 18:
7     if qualification == "mba" and "sql" in skills:
8         print(f'Hey, {name}, since you have met all the qualification and skills required , '
9               f'you are suitable for this particular position in our firm.')
10    elif qualification == "bcom.hons" and skills == "PY ADV":
11        print(f'Hey, {name}, since you have met all the qualification and skills required , '
12              f'you are suitable for this particular position in our firm.')
13    elif qualification == "BBA" and skills == "TABLEU":
14        print(f'Hey, {name}, since you have met all the qualification and skills required , '
15              f'you are suitable for this particular position in our firm.')
16    else:
17        print(f'Hey, {name}, based on your qualifications and skills, we recommend you consult with an advisor for suitable options
```

Run main x NEW x

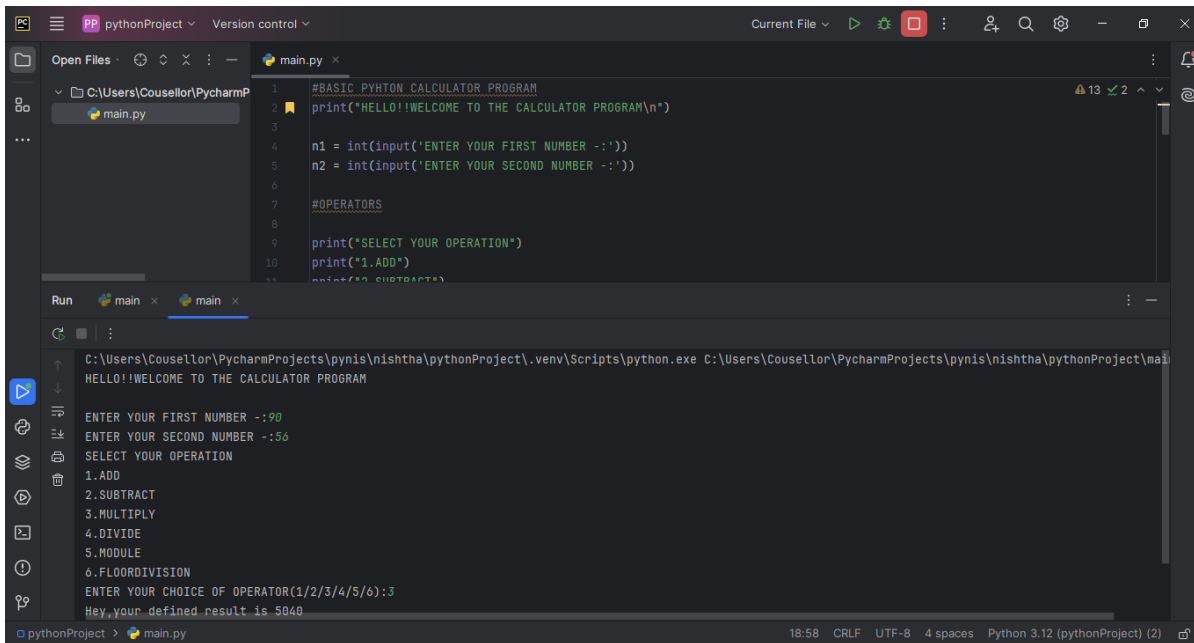
```
C:\Users\Cousellor\PycharmProjects\pynis\nishtha\pythonProject\.venv\Scripts\python.exe C:\Users\Cousellor\PycharmProjects\pynis\nishtha\pythonProject\NEW.py
Enter your name: Emily
Enter your age: 20
Enter your qualification (MBA, BBA, 12th, Qualified, Bcom.hons): MBA
Enter your skills (SQL, PY ADV, TABLEU, JAVA): SQL
Hey, Emily, since you have met all the qualification and skills required , you are suitable for this particular position in our firm
```

10:60 CRLF UTF-8 4 spaces Python 3.12 (pythonProject) (2)



## Title: ~~~~MAKING MATHEMATICAL COMPUTATION APPLIC

Category: Programming



```
#BASIC PYTHON CALCULATOR PROGRAM
print("HELLO!!WELCOME TO THE CALCULATOR PROGRAM")

n1 = int(input('ENTER YOUR FIRST NUMBER -:'))
n2 = int(input('ENTER YOUR SECOND NUMBER -:'))

#OPERATORS

print("SELECT YOUR OPERATION")
print("1.ADD")
print("2.SUBTRACT")
```

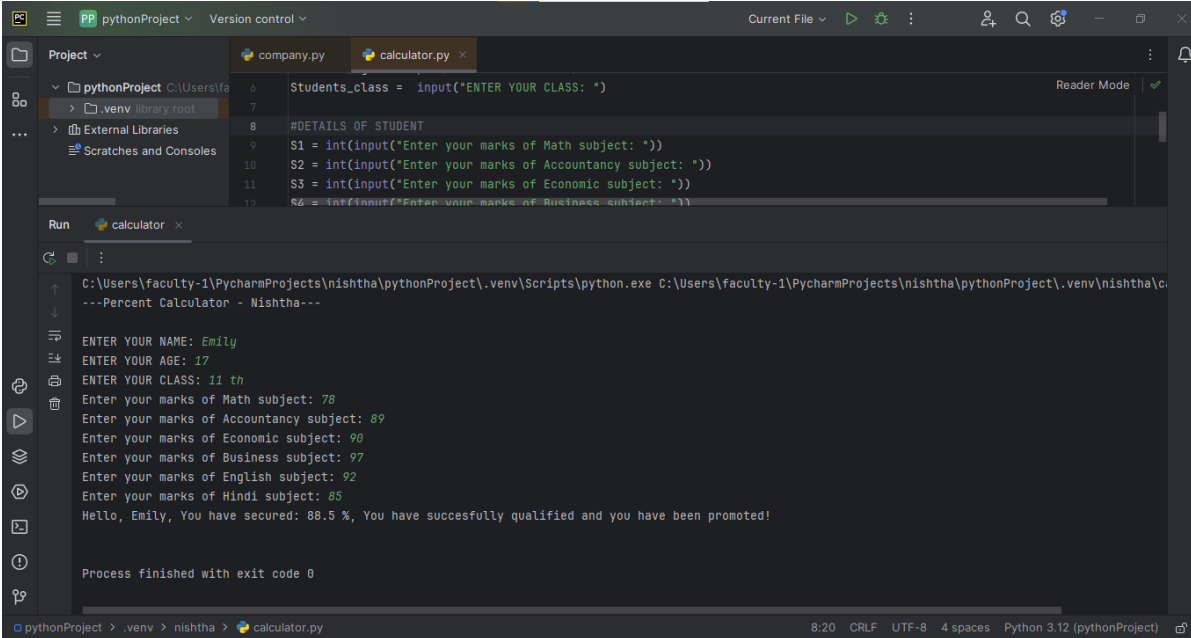
Run C:\Users\Cousellor\PycharmProjects\pynis\nishtha\pythonProject\.venv\Scripts\python.exe C:\Users\Cousellor\PycharmProjects\pynis\nishtha\pythonProject\main.py

```
HELLO!!WELCOME TO THE CALCULATOR PROGRAM
ENTER YOUR FIRST NUMBER -:90
ENTER YOUR SECOND NUMBER -:50
SELECT YOUR OPERATION
1.ADD
2.SUBTRACT
3.MULTIPLY
4.DIVIDE
5.MODULE
6.FLOORDIVISION
ENTER YOUR CHOICE OF OPERATOR(1/2/3/4/5/6):3
Hey,your defined result is 5040
```

pythonProject > main.py 18:58 CRLF UTF-8 4 spaces Python 3.12 (pythonProject) (2)

## Title: Calculating percentage with pycharm

Category: Programming



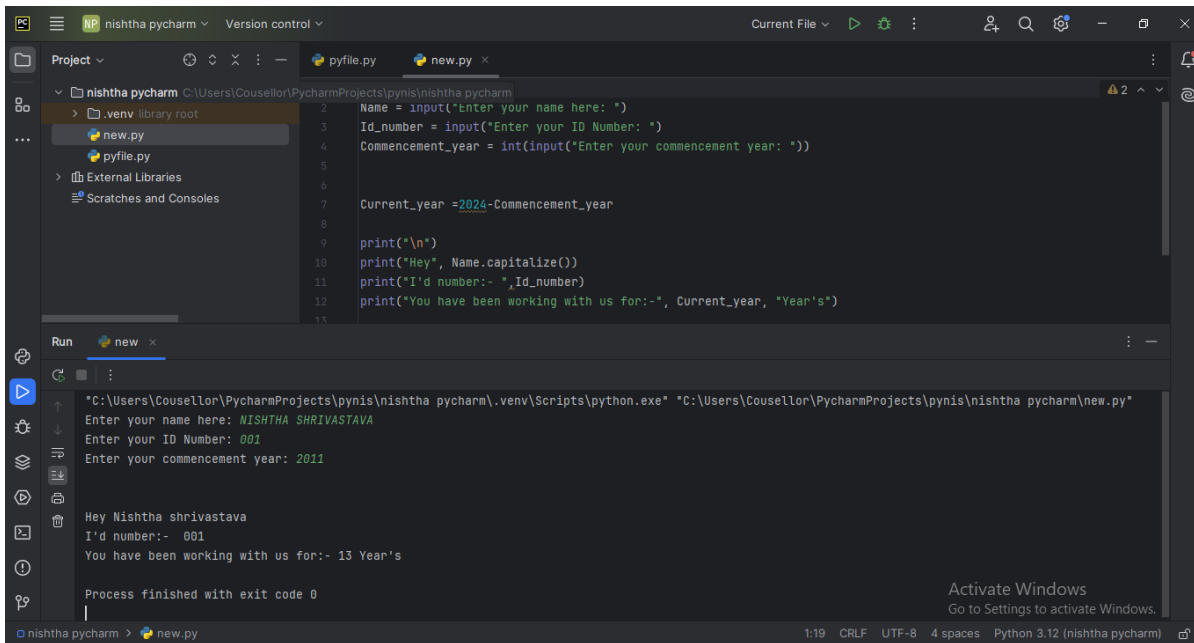
```
6 Students_class = input("ENTER YOUR CLASS: ")
7
8 #DETAILS OF STUDENT
9 S1 = int(input("Enter your marks of Math subject: "))
10 S2 = int(input("Enter your marks of Accountancy subject: "))
11 S3 = int(input("Enter your marks of Economic subject: "))
12 S4 = int(input("Enter your marks of Business subject: "))
13 S5 = int(input("Enter your marks of English subject: "))

Run calculator x
C:\Users\faculty-1\PycharmProjects\nishtha\pythonProject\.venv\Scripts\python.exe C:\Users\faculty-1\PycharmProjects\nishtha\pythonProject\.venv\nishtha\c
---Percent Calculator - Nishtha---
ENTER YOUR NAME: Emily
ENTER YOUR AGE: 17
ENTER YOUR CLASS: 11 th
Enter your marks of Math subject: 78
Enter your marks of Accountancy subject: 89
Enter your marks of Economic subject: 90
Enter your marks of Business subject: 97
Enter your marks of English subject: 92
Enter your marks of Hindi subject: 85
Hello, Emily, You have secured: 88.5 %, You have succesfully qualified and you have been promoted!

Process finished with exit code 0
```

## Title: #INPUT METHOD,2.0

Category: Programming



```
2 Name = input("Enter your name here: ")
3 Id_number = input("Enter your ID Number: ")
4 Commencement_year = int(input("Enter your commencement year: "))
5
6
7 Current_year = 2024-Commencement_year
8
9 print("\n")
10 print("Hey", Name.capitalize())
11 print("I'd number:- ", Id_number)
12 print("You have been working with us for:-", Current_year, "Year's")
13
```

Run new x

```
"C:\Users\Cousellor\PycharmProjects\pynis\nishtha pycharm\.venv\Scripts\python.exe" "C:\Users\Cousellor\PycharmProjects\pynis\nishtha pycharm\new.py"
Enter your name here: NISHTHA SHRIVASTAVA
Enter your ID Number: 001
Enter your commencement year: 2011

Hey Nishtha shrivastava
I'd number:- 001
You have been working with us for:- 13 Year's

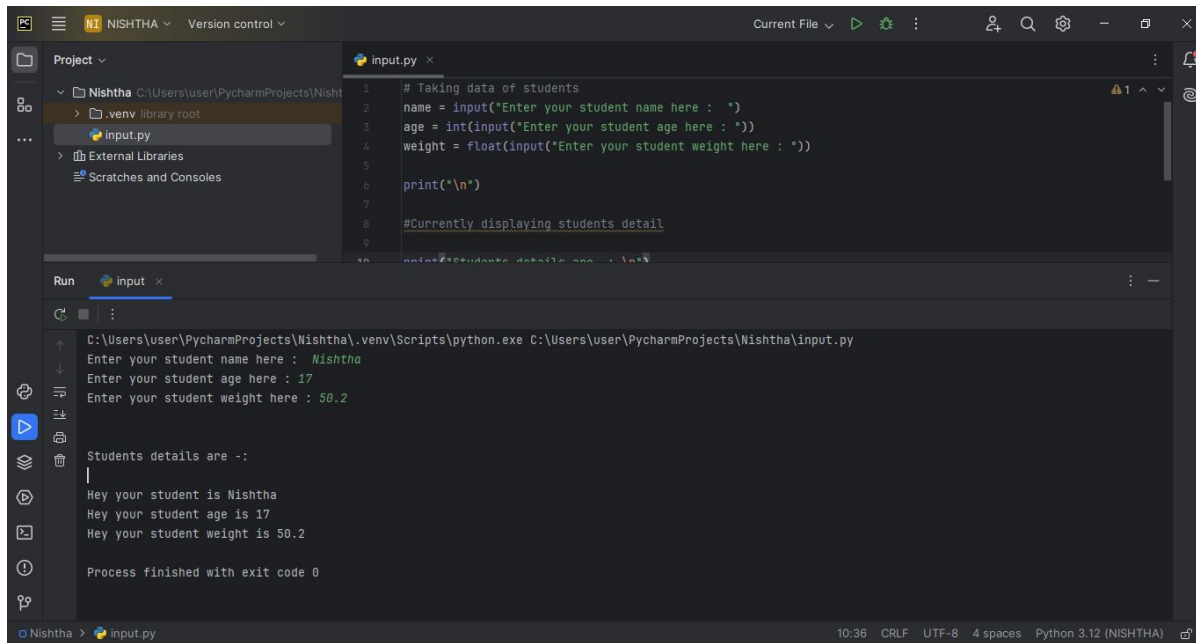
Process finished with exit code 0
```

Activate Windows  
Go to Settings to activate Windows.

nishtha pycharm > new.py 1:19 CRLF UTF-8 4 spaces Python 3.12 (nishtha pycharm)

## Title: Input method

Category: Programming



```
1 # Taking data of students
2 name = input("Enter your student name here : ")
3 age = int(input("Enter your student age here : "))
4 weight = float(input("Enter your student weight here : "))
5
6 print("\n")
7
8 #Currently displaying students detail
9
10 print("Students details are --")
11
12 Hey your student is Nishtha
13 Hey your student age is 17
14 Hey your student weight is 50.2
15
16 Process finished with exit code 0
```

The screenshot shows a code editor with a Python script named 'input.py'. The code prompts the user for a student's name, age, and weight, then prints the details. The output shows the program running with the input 'Nishtha', '17', and '50.2', and displaying the corresponding student details.

# About Shubhkamna Institute



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