

NISHTHA SHRIVASTAVA PORTFOLIO

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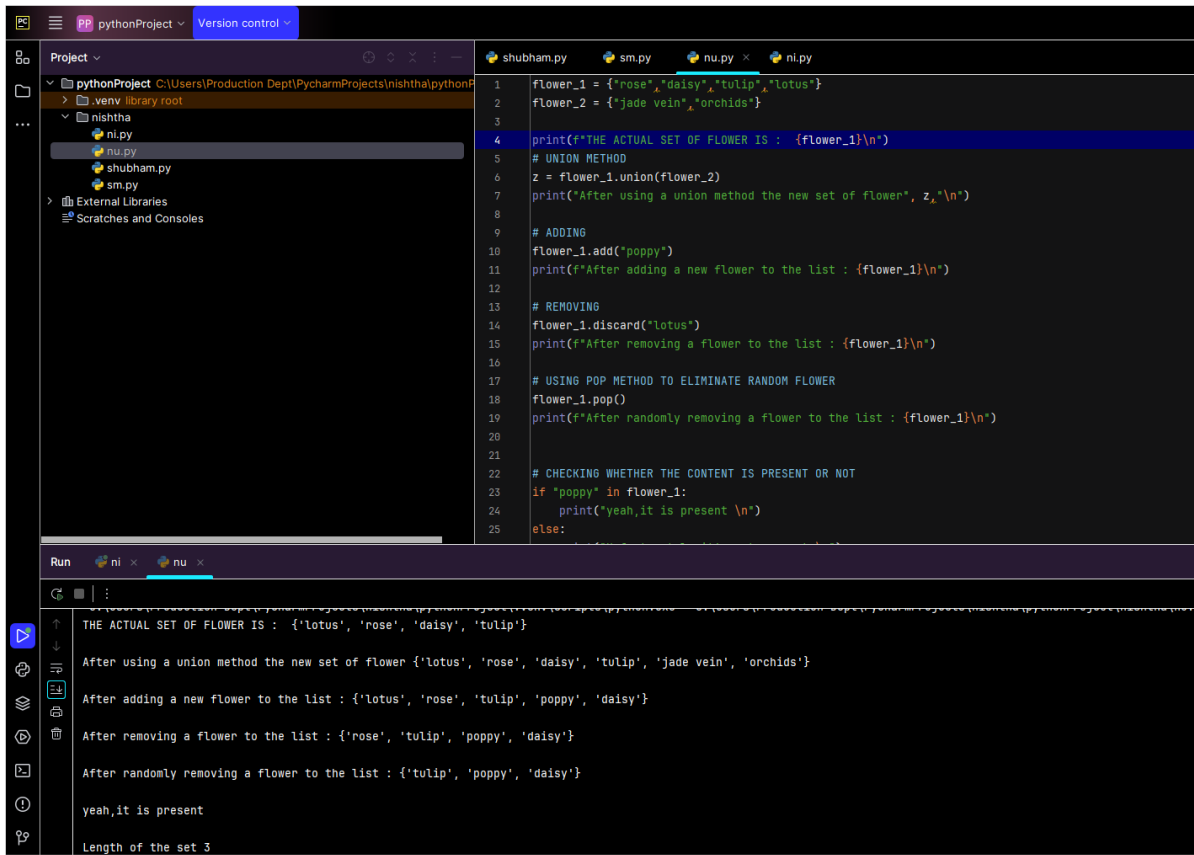
Title: Student

Course: Python & Basic Computer



Title: {"SET METHOD"}

Category: Programming



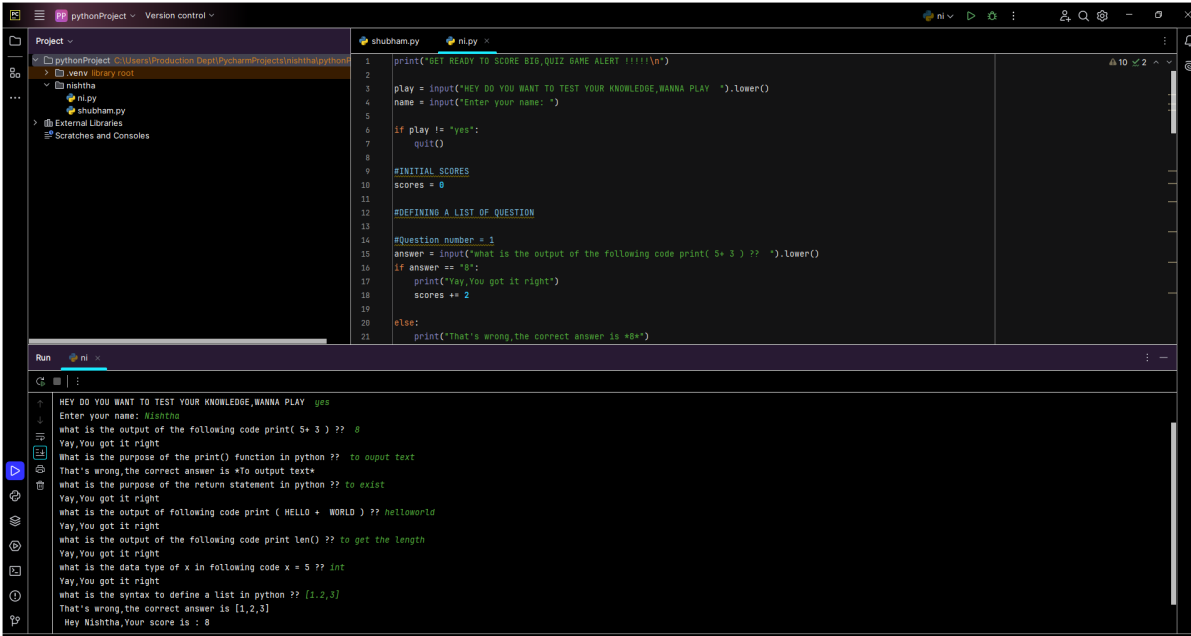
```
1 flower_1 = {'rose', 'daisy', 'tulip', 'lotus'}
2 flower_2 = {'jade vein', 'orchids'}
3
4 print(f"THE ACTUAL SET OF FLOWER IS : {flower_1}\n")
5 # UNION METHOD
6 z = flower_1.union(flower_2)
7 print("After using a union method the new set of flower", z, "\n")
8
9 # ADDING
10 flower_1.add("poppy")
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 !!!!!

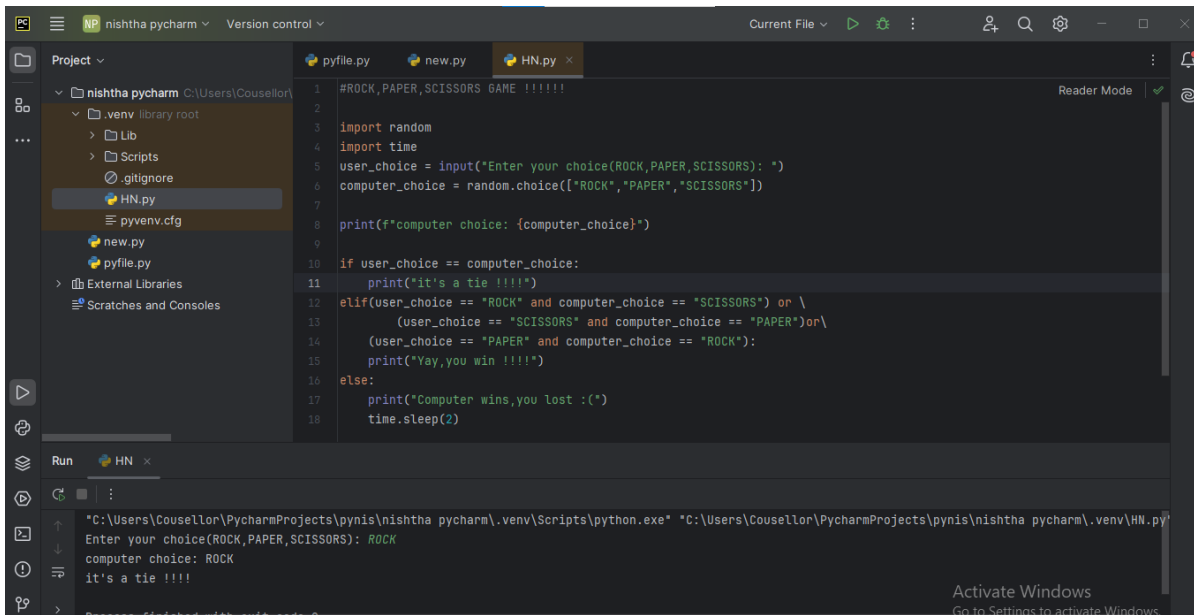
Category: Programming



```
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
```

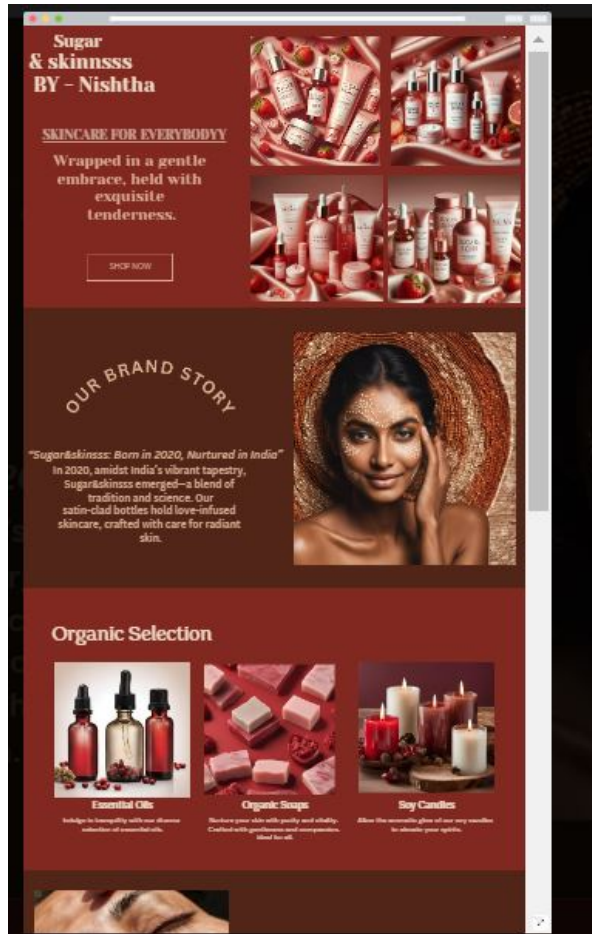
Title: CREATING INVOICE

Category: Computers

Sugar & skinss 123.st, Raipur ,INDIA Mobile no: +916345275698				
INVOICE				
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/-
			TOTAL	3000/-

Title: CREATING A WEBSITE WITH TWIST BY CANVA

Category: Web Development



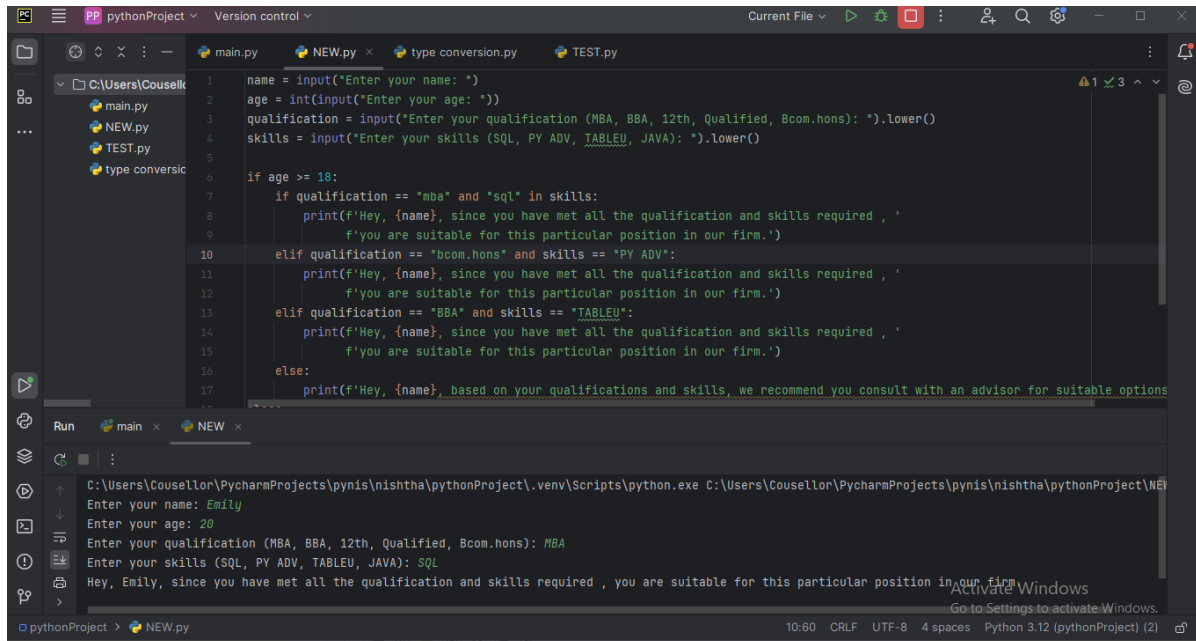
Title: CRAFTING A YOUTUBE THUMBNAIL

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')
18
```

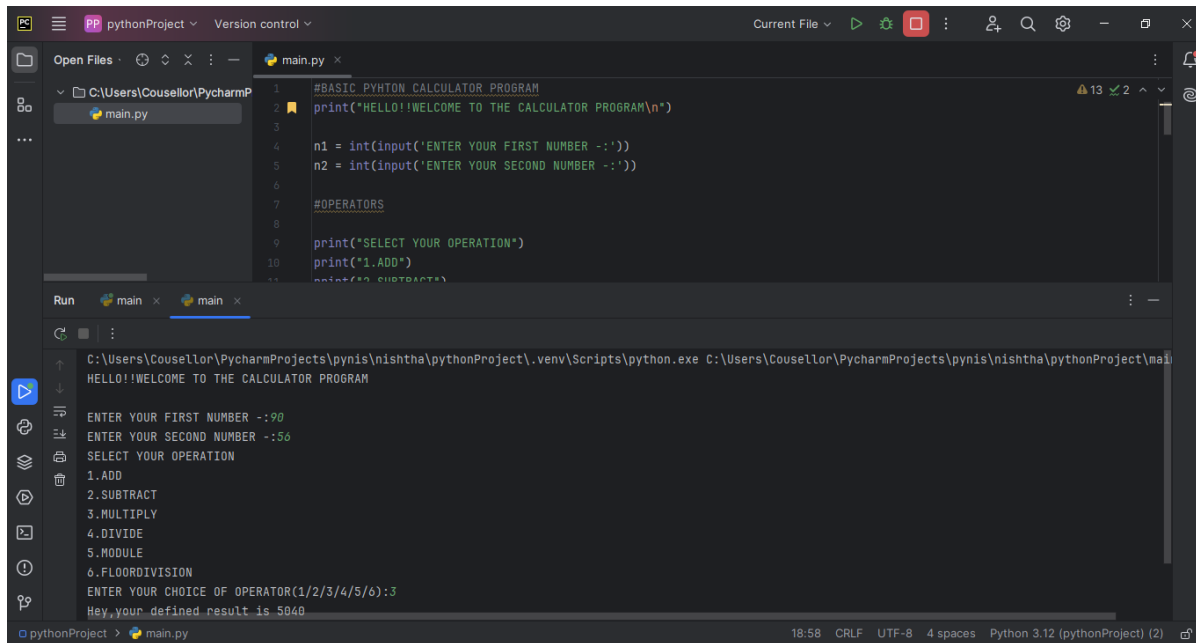
Run main x NEW x

```
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")
```

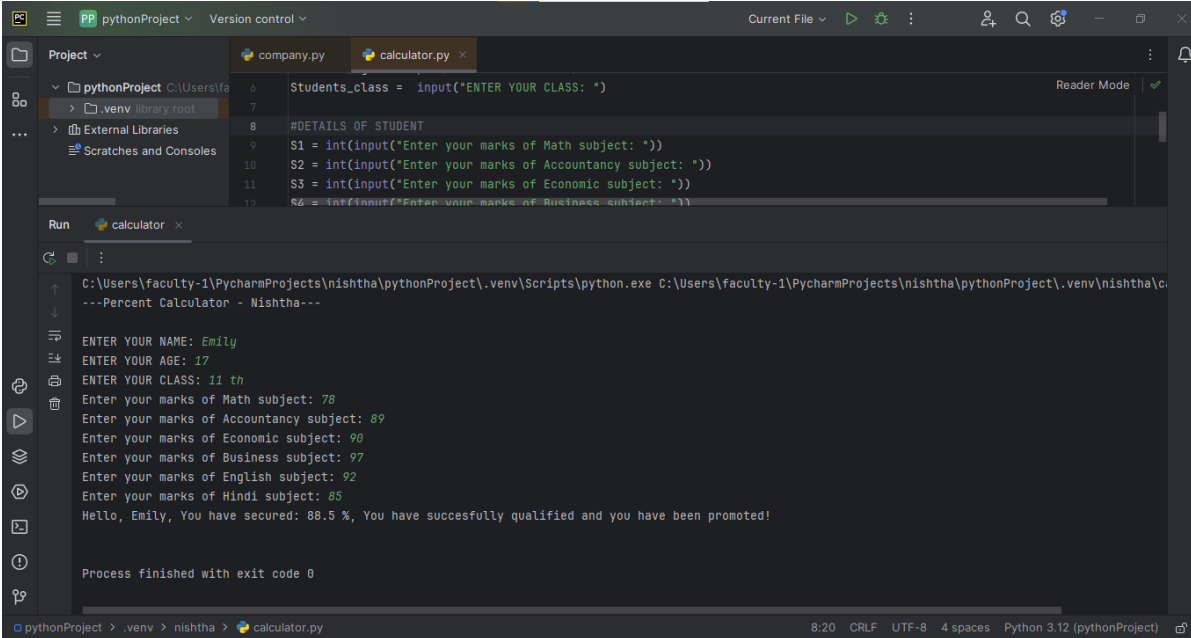
Run C:\Users\Cousellor\PycharmProjects\pynis\nishtha\pythonProject\.venv\Scripts\python.exe C:\Users\Cousellor\PycharmProjects\pynis\nishtha\pythonProject\main.py

```
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: "))
```

Run calculator x

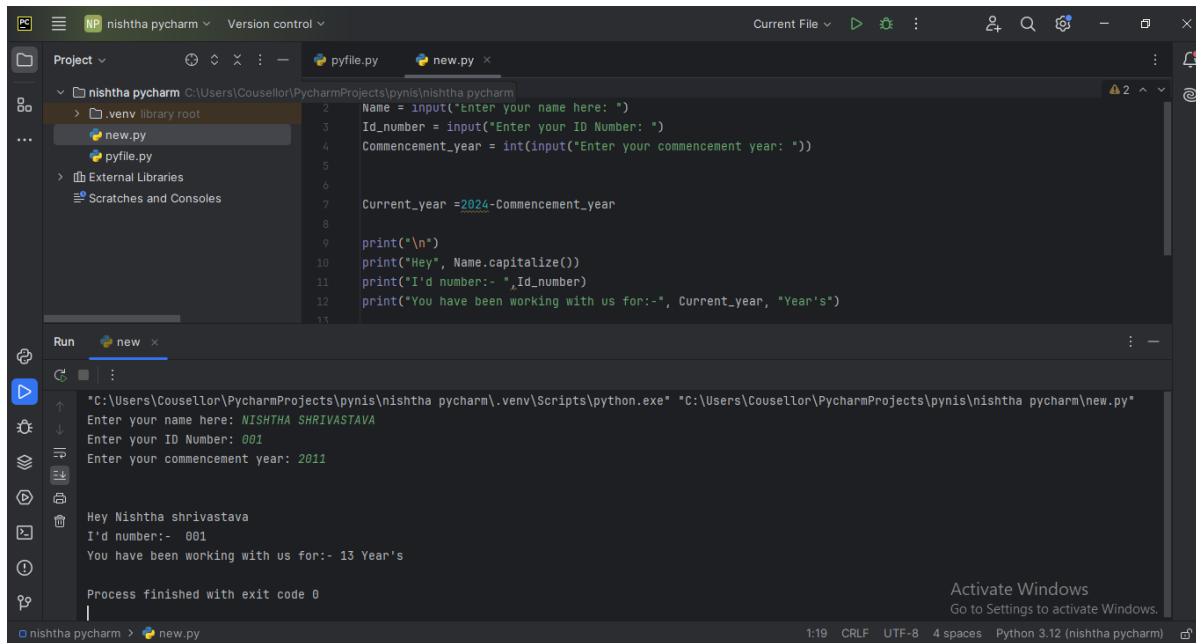
```
C:\Users\faculty-1\PycharmProjects\nishtha\pythonProject\.venv\Scripts\python.exe C:\Users\faculty-1\PycharmProjects\nishtha\pythonProject\.venv\nishtha\c
---Percent Calculator - Nishtha---
ENTER YOUR NAME: Emily
ENTER YOUR AGE: 17
ENTER YOUR CLASS: 11 th
Enter your marks of Math subject: 78
Enter 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
```

pythonProject > .venv > nishtha > calculator.py 8:20 CRLF UTF-8 4 spaces Python 3.12 (pythonProject)

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

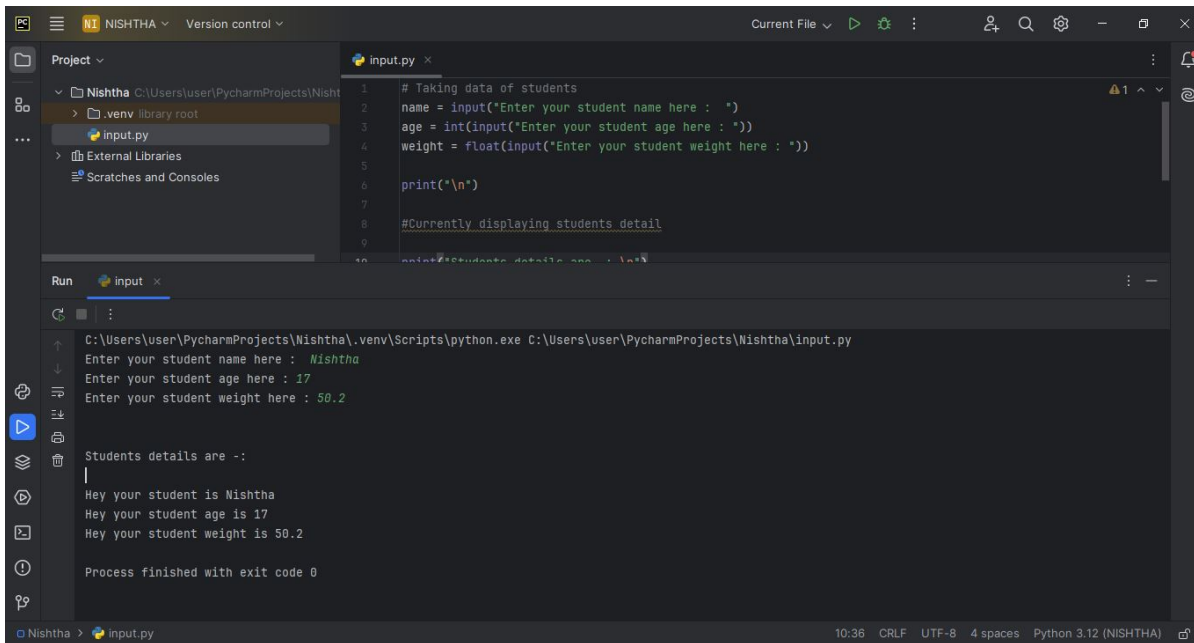
Process finished with exit code 0
```

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 student's details. The status bar at the bottom indicates the file encoding is UTF-8 with 4 spaces, and the Python version is 3.12.

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