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Sub: Internship of python(online)

Branch: IT

College name: GEC Modasa

Year : 3rd year

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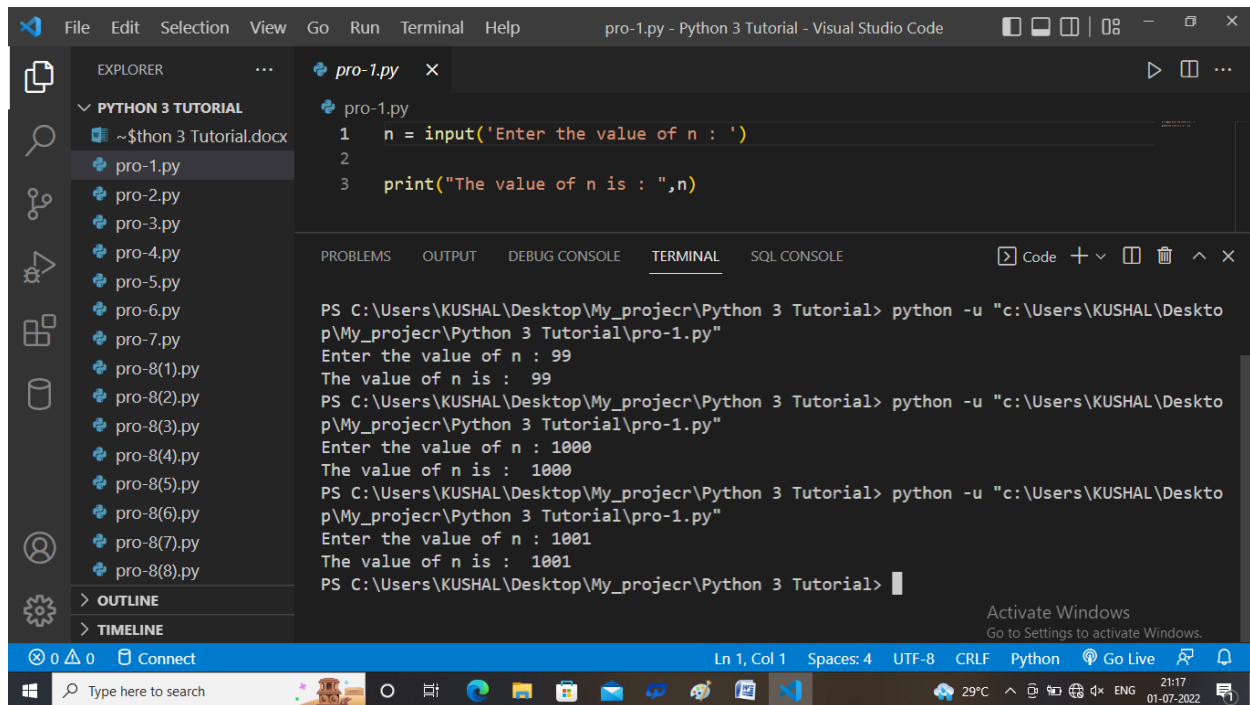
Guided by: Devanshi ma'm

Company name: Akash Technolabs

Exercise : 3 Tutorial Practice programs

Date : 26/06/2022

(PRACTICAL – 1) :



The screenshot shows the Visual Studio Code interface with the file explorer on the left displaying a folder named 'PYTHON 3 TUTORIAL'. The file 'pro-1.py' is selected. The main editor shows the code for 'pro-1.py':

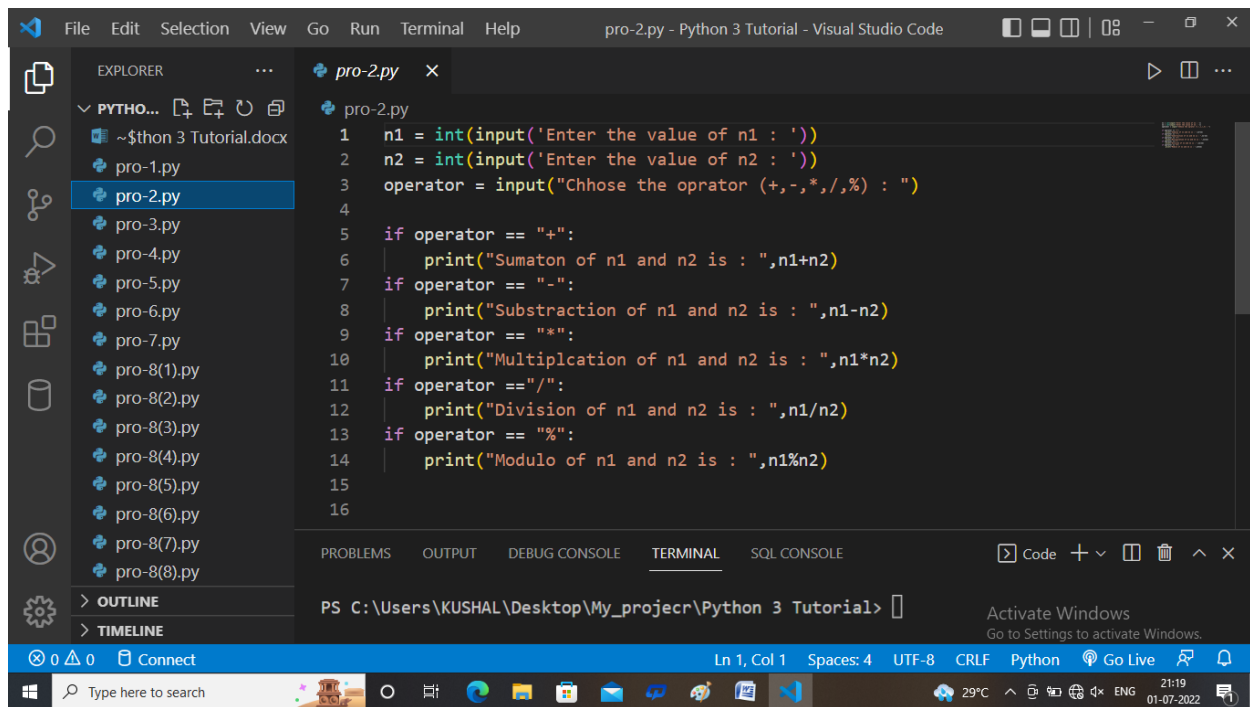
```
1 n = input('Enter the value of n : ')
2
3 print("The value of n is : ",n)
```

The terminal at the bottom shows the execution of the script:

```
PS C:\Users\KUSHAL\Desktop\My_project\Python 3 Tutorial> python -u "c:\Users\KUSHAL\Desktop\My_project\Python 3 Tutorial\pro-1.py"
Enter the value of n : 99
The value of n is : 99
PS C:\Users\KUSHAL\Desktop\My_project\Python 3 Tutorial> python -u "c:\Users\KUSHAL\Desktop\My_project\Python 3 Tutorial\pro-1.py"
Enter the value of n : 1000
The value of n is : 1000
PS C:\Users\KUSHAL\Desktop\My_project\Python 3 Tutorial> python -u "c:\Users\KUSHAL\Desktop\My_project\Python 3 Tutorial\pro-1.py"
Enter the value of n : 1001
The value of n is : 1001
PS C:\Users\KUSHAL\Desktop\My_project\Python 3 Tutorial>
```

The status bar at the bottom indicates the file is 'Ln 1, Col 1' with 'Spaces: 4' and 'UTF-8' encoding. The system tray shows the date and time as 21:17 on 01-07-2022.

(PRACTICAL – 2) :



The screenshot shows the Visual Studio Code interface with the file explorer on the left displaying a folder named 'PYTHON 3 TUTORIAL'. The file 'pro-2.py' is selected. The main editor shows the code for 'pro-2.py':

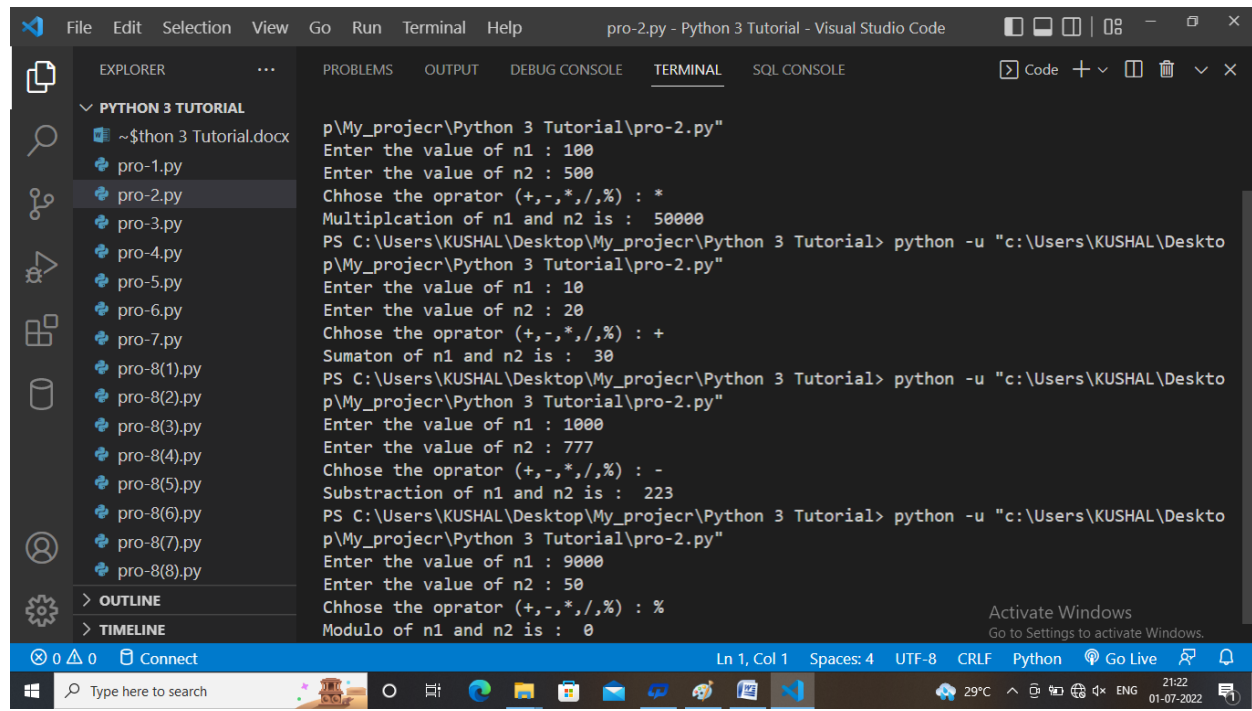
```
1 n1 = int(input('Enter the value of n1 : '))
2 n2 = int(input('Enter the value of n2 : '))
3 operator = input("Chhose the oprator (+,-,*,/,%) : ")
4
5 if operator == "+":
6     print("Sumaton of n1 and n2 is : ",n1+n2)
7 if operator == "-":
8     print("Substraction of n1 and n2 is : ",n1-n2)
9 if operator == "*":
10    print("Multiplication of n1 and n2 is : ",n1*n2)
11 if operator == "/":
12    print("Division of n1 and n2 is : ",n1/n2)
13 if operator == "%":
14    print("Modulo of n1 and n2 is : ",n1%n2)
15
16
```

The terminal at the bottom shows the execution of the script:

```
PS C:\Users\KUSHAL\Desktop\My_project\Python 3 Tutorial>
```

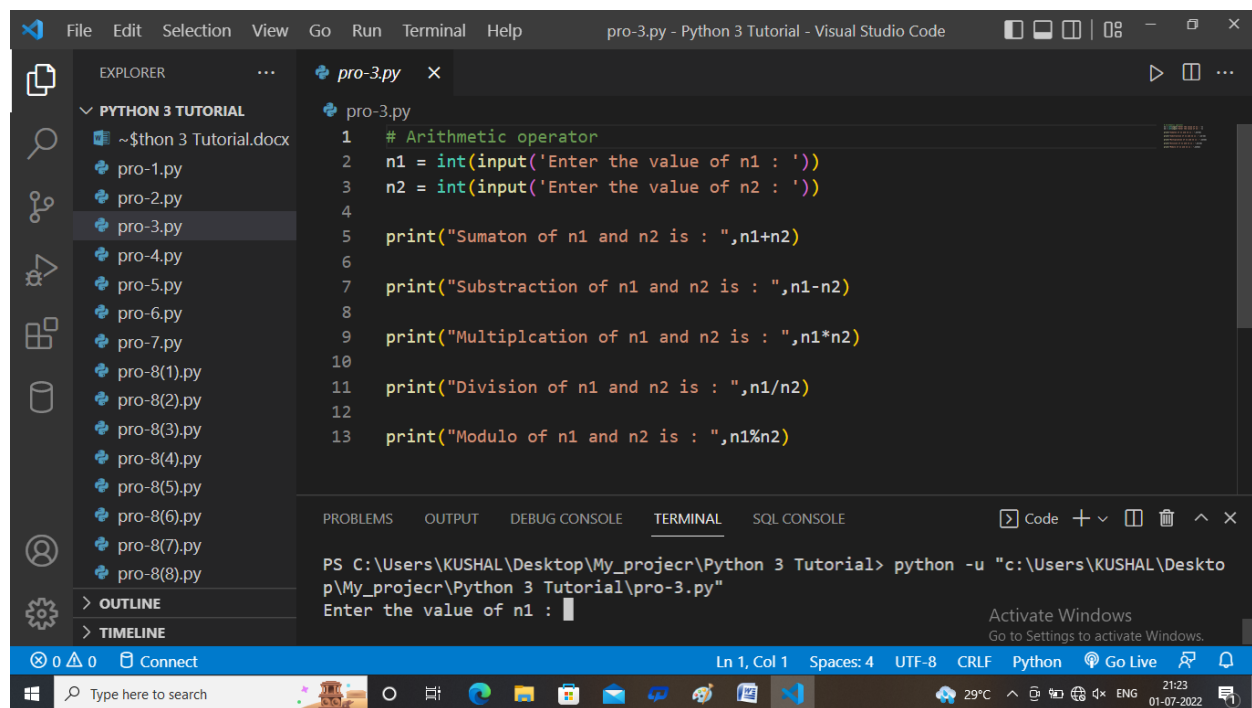
The status bar at the bottom indicates the file is 'Ln 1, Col 1' with 'Spaces: 4' and 'UTF-8' encoding. The system tray shows the date and time as 21:19 on 01-07-2022.

OUTPUT:



```
p\My_project\Python 3 Tutorial\pro-2.py"
Enter the value of n1 : 100
Enter the value of n2 : 500
Chhose the oprator (+,-,*,/,%) : *
Multiplication of n1 and n2 is : 50000
PS C:\Users\KUSHAL\Desktop\My_project\Python 3 Tutorial> python -u "c:\Users\KUSHAL\Desktop\My_project\Python 3 Tutorial\pro-2.py"
Enter the value of n1 : 10
Enter the value of n2 : 20
Chhose the oprator (+,-,*,/,%) : +
Sumaton of n1 and n2 is : 30
PS C:\Users\KUSHAL\Desktop\My_project\Python 3 Tutorial> python -u "c:\Users\KUSHAL\Desktop\My_project\Python 3 Tutorial\pro-2.py"
Enter the value of n1 : 1000
Enter the value of n2 : 777
Chhose the oprator (+,-,*,/,%) : -
Substraction of n1 and n2 is : 223
PS C:\Users\KUSHAL\Desktop\My_project\Python 3 Tutorial> python -u "c:\Users\KUSHAL\Desktop\My_project\Python 3 Tutorial\pro-2.py"
Enter the value of n1 : 9000
Enter the value of n2 : 50
Chhose the oprator (+,-,*,/,%) : %
Modulo of n1 and n2 is : 0
```

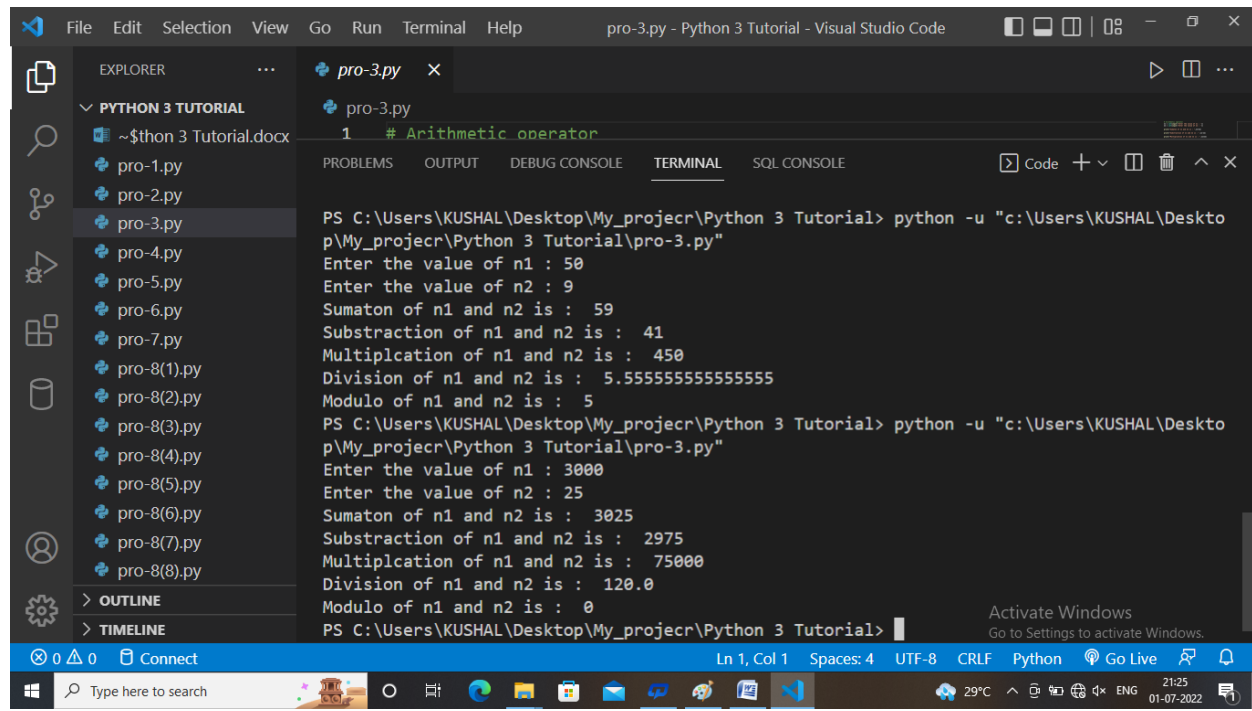
(PRACTICAL – 3) :



```
1 # Arithmetic operator
2 n1 = int(input('Enter the value of n1 : '))
3 n2 = int(input('Enter the value of n2 : '))
4
5 print("Sumaton of n1 and n2 is : ",n1+n2)
6
7 print("Substraction of n1 and n2 is : ",n1-n2)
8
9 print("Multiplication of n1 and n2 is : ",n1*n2)
10
11 print("Division of n1 and n2 is : ",n1/n2)
12
13 print("Modulo of n1 and n2 is : ",n1%n2)
```

```
PS C:\Users\KUSHAL\Desktop\My_project\Python 3 Tutorial> python -u "c:\Users\KUSHAL\Desktop\My_project\Python 3 Tutorial\pro-3.py"
Enter the value of n1 : 1
```

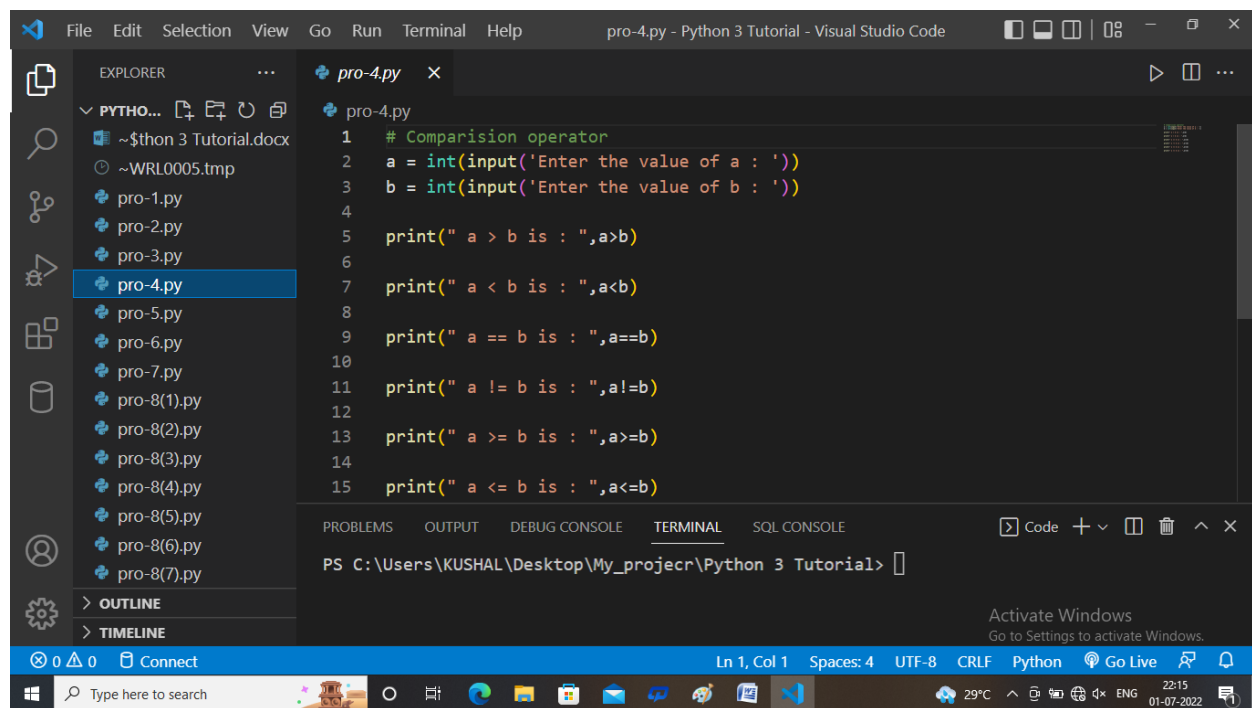
OUTPUT:



```
pro-3.py
1 # Arithmetic operator

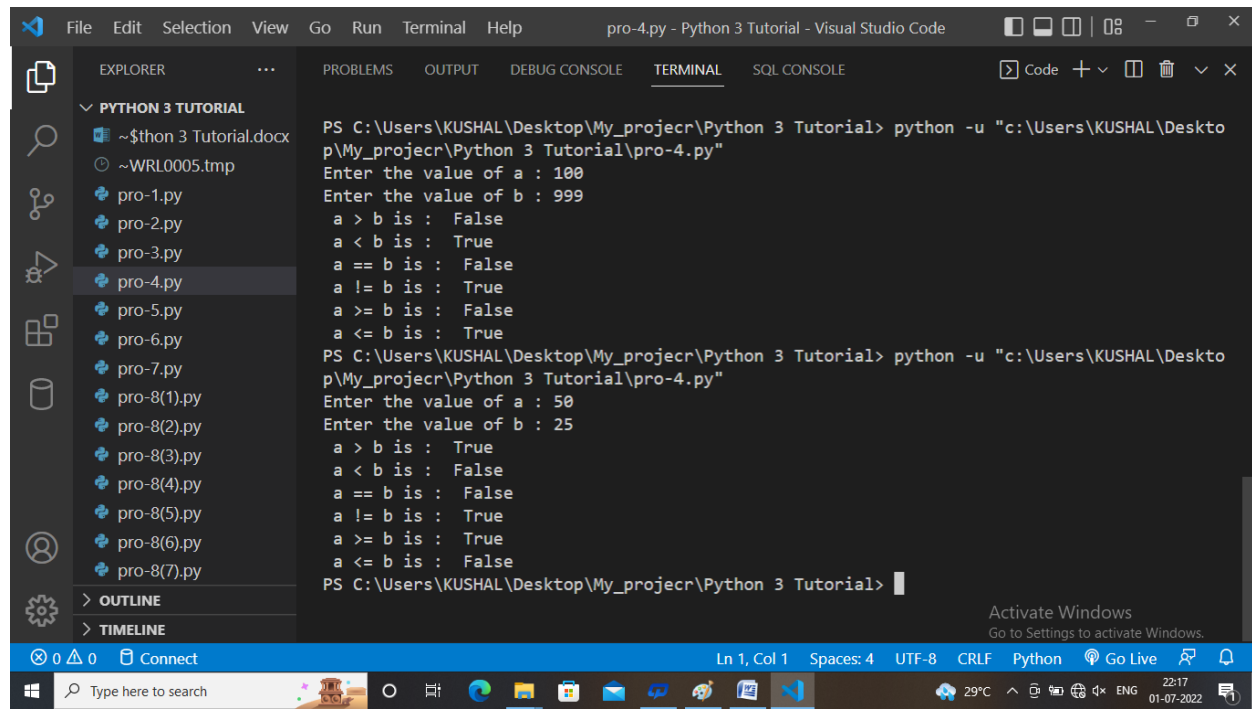
PS C:\Users\KUSHAL\Desktop\My_project\Python 3 Tutorial> python -u "c:\Users\KUSHAL\Desktop\My_project\Python 3 Tutorial\pro-3.py"
Enter the value of n1 : 50
Enter the value of n2 : 9
Sumaton of n1 and n2 is : 59
Substraction of n1 and n2 is : 41
Multiplication of n1 and n2 is : 450
Division of n1 and n2 is : 5.5555555555555555
Modulo of n1 and n2 is : 5
PS C:\Users\KUSHAL\Desktop\My_project\Python 3 Tutorial> python -u "c:\Users\KUSHAL\Desktop\My_project\Python 3 Tutorial\pro-3.py"
Enter the value of n1 : 3000
Enter the value of n2 : 25
Sumaton of n1 and n2 is : 3025
Substraction of n1 and n2 is : 2975
Multiplication of n1 and n2 is : 75000
Division of n1 and n2 is : 120.0
Modulo of n1 and n2 is : 0
PS C:\Users\KUSHAL\Desktop\My_project\Python 3 Tutorial>
```

(PRACTICAL – 4) :



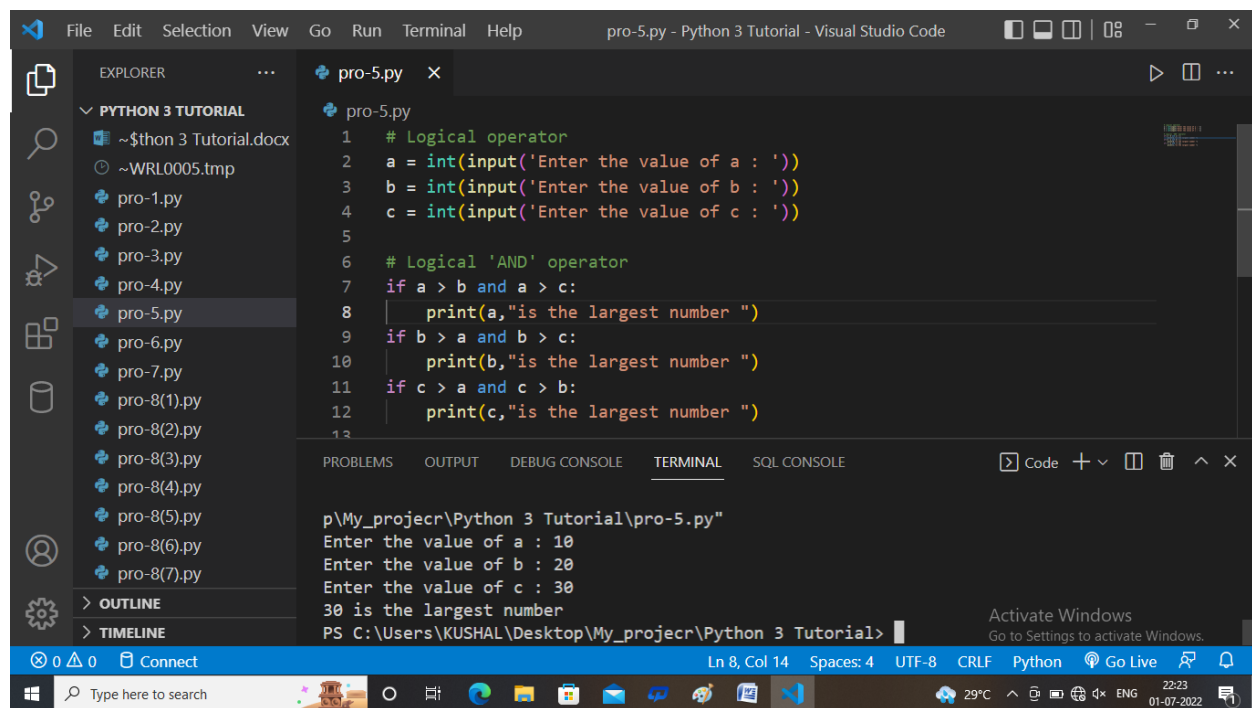
```
pro-4.py
1 # Comparision operator
2 a = int(input('Enter the value of a : '))
3 b = int(input('Enter the value of b : '))
4
5 print(" a > b is : ",a>b)
6
7 print(" a < b is : ",a<b)
8
9 print(" a == b is : ",a==b)
10
11 print(" a != b is : ",a!=b)
12
13 print(" a >= b is : ",a>=b)
14
15 print(" a <= b is : ",a<=b)
```

OUTPUT:



```
PS C:\Users\KUSHAL\Desktop\My_project\Python 3 Tutorial> python -u "c:\Users\KUSHAL\Desktop\p\My_project\Python 3 Tutorial\pro-4.py"
Enter the value of a : 100
Enter the value of b : 999
a > b is : False
a < b is : True
a == b is : False
a != b is : True
a >= b is : False
a <= b is : True
PS C:\Users\KUSHAL\Desktop\My_project\Python 3 Tutorial> python -u "c:\Users\KUSHAL\Desktop\p\My_project\Python 3 Tutorial\pro-4.py"
Enter the value of a : 50
Enter the value of b : 25
a > b is : True
a < b is : False
a == b is : False
a != b is : True
a >= b is : True
a <= b is : False
PS C:\Users\KUSHAL\Desktop\My_project\Python 3 Tutorial>
```

(PRACTICAL – 5) :



```
1 # Logical operator
2 a = int(input('Enter the value of a : '))
3 b = int(input('Enter the value of b : '))
4 c = int(input('Enter the value of c : '))
5
6 # Logical 'AND' operator
7 if a > b and a > c:
8     print(a,"is the largest number ")
9 if b > a and b > c:
10    print(b,"is the largest number ")
11 if c > a and c > b:
12    print(c,"is the largest number ")
13
```

```
p\My_project\Python 3 Tutorial\pro-5.py"
Enter the value of a : 10
Enter the value of b : 20
Enter the value of c : 30
30 is the largest number
PS C:\Users\KUSHAL\Desktop\My_project\Python 3 Tutorial>
```

(PRACTICAL – 6) :

```
File Edit Selection View Go Run Terminal Help pro-6.py - Python 3 Tutorial - Visual Studio Code
```

EXPLORER

- PYTHON 3 TUTORIAL
 - ~\$thon 3 Tutorial.docx
 - ~WRL0005.tmp
 - pro-1.py
 - pro-2.py
 - pro-3.py
 - pro-4.py
 - pro-5.py
 - pro-6.py
 - pro-7.py
 - pro-8(1).py
 - pro-8(2).py
 - pro-8(3).py
 - pro-8(4).py
 - pro-8(5).py
 - pro-8(6).py
 - pro-8(7).py
- OUTLINE
- TIMELINE

```
pro-6.py
1 a = int(input('Enter the value of a : '))
2 b = int(input('Enter the value of b : '))
3 c = int(input('Enter the value of c : '))
4
5 # Logical 'OR' operator
6 print(a > b or a > c)
7
8 print(b > a or b > c)
9
10 print(c > a or c > b)
```

PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL SQL CONSOLE

```
p\My_project\Python 3 Tutorial\pro-6.py"
Enter the value of a : 50
Enter the value of b : 90
Enter the value of c : 77
False
True
True
PS C:\Users\KUSHAL\Desktop\My_project\Python 3 Tutorial>
```

Activate Windows
Go to Settings to activate Windows.

Ln 1, Col 1 Spaces: 4 UTF-8 CRLF Python Go Live

Type here to search

(PRACTICAL – 7) :

```
File Edit Selection View Go Run Terminal Help pro-7.py - Python 3 Tutorial - Visual Studio Code
```

EXPLORER

- PYTHON 3 TUTORIAL
 - ~\$thon 3 Tutorial.docx
 - ~WRL0005.tmp
 - pro-1.py
 - pro-2.py
 - pro-3.py
 - pro-4.py
 - pro-5.py
 - pro-6.py
 - pro-7.py
 - pro-8(1).py
 - pro-8(2).py
 - pro-8(3).py
 - pro-8(4).py
 - pro-8(5).py
 - pro-8(6).py
 - pro-8(7).py
- OUTLINE
- TIMELINE

```
pro-7.py
1 a = int(input('Enter the value of a : '))
2 b = int(input('Enter the value of b : '))
3
4 # Logical 'NOT' operator
5 print(not a>b)
6
7 print(not b>a)
8
```

PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL SQL CONSOLE

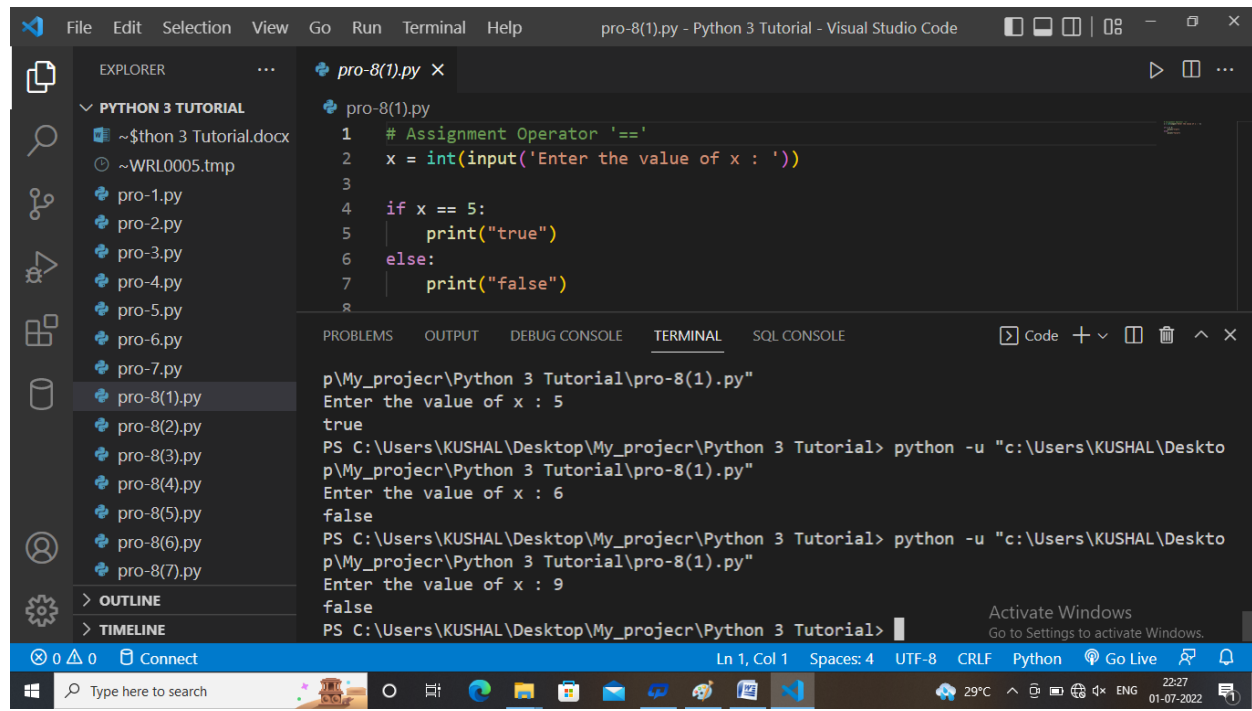
```
p\My_project\Python 3 Tutorial\pro-7.py"
Enter the value of a : 99
Enter the value of b : 105
True
False
PS C:\Users\KUSHAL\Desktop\My_project\Python 3 Tutorial> python -u "c:\Users\KUSHAL\Desktop\My_project\Python 3 Tutorial\pro-7.py"
p\My_project\Python 3 Tutorial\pro-7.py"
Enter the value of a : 5000
Enter the value of b : 9001
True
False
PS C:\Users\KUSHAL\Desktop\My_project\Python 3 Tutorial>
```

Activate Windows
Go to Settings to activate Windows.

Ln 1, Col 1 Spaces: 4 UTF-8 CRLF Python Go Live

Type here to search

(PRACTICAL – 8) :



```
File Edit Selection View Go Run Terminal Help pro-8(1).py - Python 3 Tutorial - Visual Studio Code
```

EXPLORER

- PYTHON 3 TUTORIAL
- ~\$thon 3 Tutorial.docx
- ~WRL0005.tmp
- pro-1.py
- pro-2.py
- pro-3.py
- pro-4.py
- pro-5.py
- pro-6.py
- pro-7.py
- pro-8(1).py
- pro-8(2).py
- pro-8(3).py
- pro-8(4).py
- pro-8(5).py
- pro-8(6).py
- pro-8(7).py

pro-8(1).py

```
1 # Assignment Operator '=='
2 x = int(input('Enter the value of x : '))
3
4 if x == 5:
5     print("true")
6 else:
7     print("false")
8
```

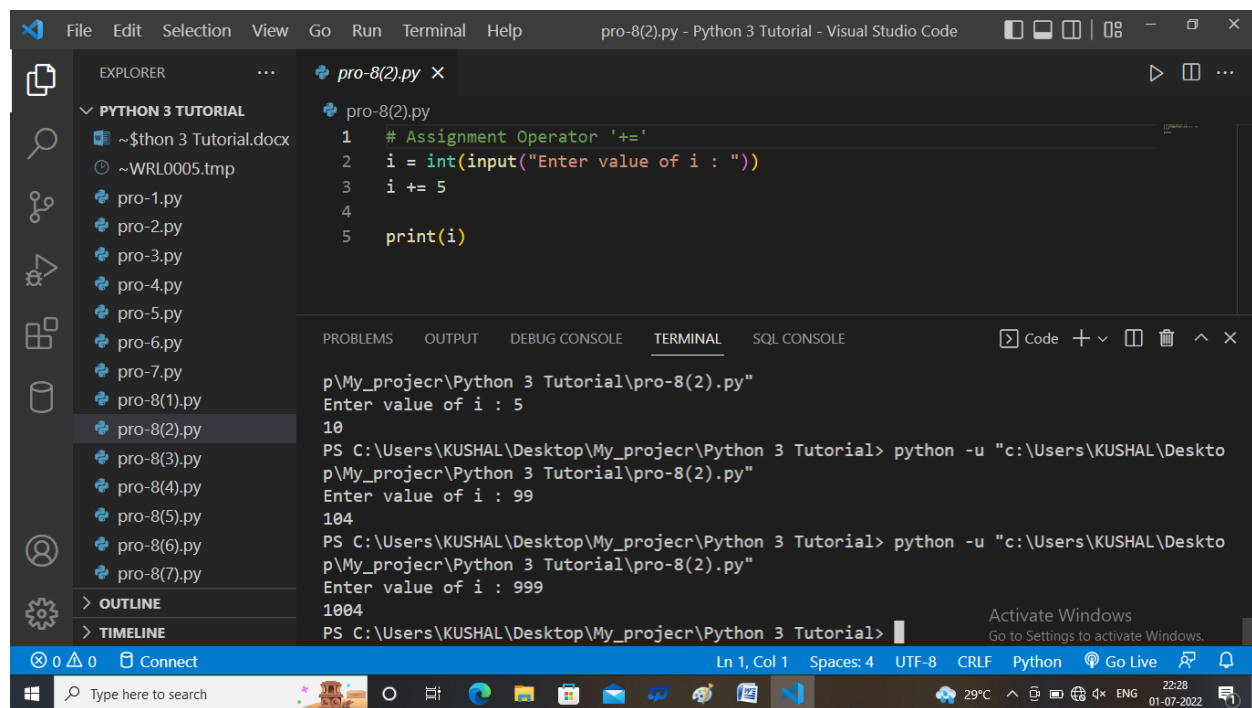
PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL SQL CONSOLE

```
p\My_project\Python 3 Tutorial\pro-8(1).py"
Enter the value of x : 5
true
PS C:\Users\KUSHAL\Desktop\My_project\Python 3 Tutorial> python -u "c:\Users\KUSHAL\Desktop\My_project\Python 3 Tutorial\pro-8(1).py"
Enter the value of x : 6
false
PS C:\Users\KUSHAL\Desktop\My_project\Python 3 Tutorial> python -u "c:\Users\KUSHAL\Desktop\My_project\Python 3 Tutorial\pro-8(1).py"
Enter the value of x : 9
false
PS C:\Users\KUSHAL\Desktop\My_project\Python 3 Tutorial>
```

Ln 1, Col 1 Spaces: 4 UTF-8 CRLF Python Go Live

22:27 01-07-2022

(PRACTICAL – 9) :



```
File Edit Selection View Go Run Terminal Help pro-8(2).py - Python 3 Tutorial - Visual Studio Code
```

EXPLORER

- PYTHON 3 TUTORIAL
- ~\$thon 3 Tutorial.docx
- ~WRL0005.tmp
- pro-1.py
- pro-2.py
- pro-3.py
- pro-4.py
- pro-5.py
- pro-6.py
- pro-7.py
- pro-8(1).py
- pro-8(2).py
- pro-8(3).py
- pro-8(4).py
- pro-8(5).py
- pro-8(6).py
- pro-8(7).py

pro-8(2).py

```
1 # Assignment Operator '+= '
2 i = int(input("Enter value of i : "))
3 i += 5
4
5 print(i)
```

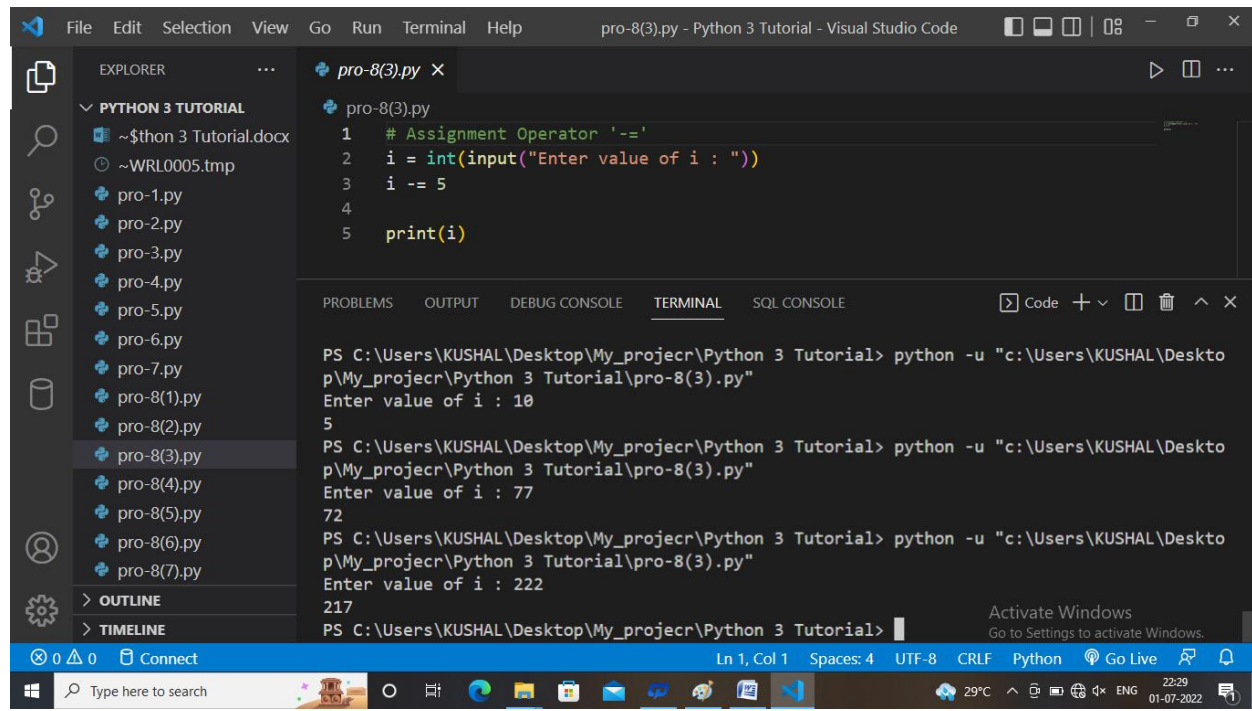
PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL SQL CONSOLE

```
p\My_project\Python 3 Tutorial\pro-8(2).py"
Enter value of i : 5
10
PS C:\Users\KUSHAL\Desktop\My_project\Python 3 Tutorial> python -u "c:\Users\KUSHAL\Desktop\My_project\Python 3 Tutorial\pro-8(2).py"
Enter value of i : 99
104
PS C:\Users\KUSHAL\Desktop\My_project\Python 3 Tutorial> python -u "c:\Users\KUSHAL\Desktop\My_project\Python 3 Tutorial\pro-8(2).py"
Enter value of i : 999
1004
PS C:\Users\KUSHAL\Desktop\My_project\Python 3 Tutorial>
```

Ln 1, Col 1 Spaces: 4 UTF-8 CRLF Python Go Live

22:28 01-07-2022

(PRACTICAL – 10) :



```
File Edit Selection View Go Run Terminal Help pro-8(3).py - Python 3 Tutorial - Visual Studio Code
```

EXPLORER

- PYTHON 3 TUTORIAL
 - ~\$thon 3 Tutorial.docx
 - ~WRL0005.tmp
 - pro-1.py
 - pro-2.py
 - pro-3.py
 - pro-4.py
 - pro-5.py
 - pro-6.py
 - pro-7.py
 - pro-8(1).py
 - pro-8(2).py
 - pro-8(3).py
 - pro-8(4).py
 - pro-8(5).py
 - pro-8(6).py
 - pro-8(7).py
- OUTLINE
- TIMELINE

```
pro-8(3).py
1 # Assignment Operator '!='
2 i = int(input("Enter value of i : "))
3 i -= 5
4
5 print(i)
```

PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL SQL CONSOLE

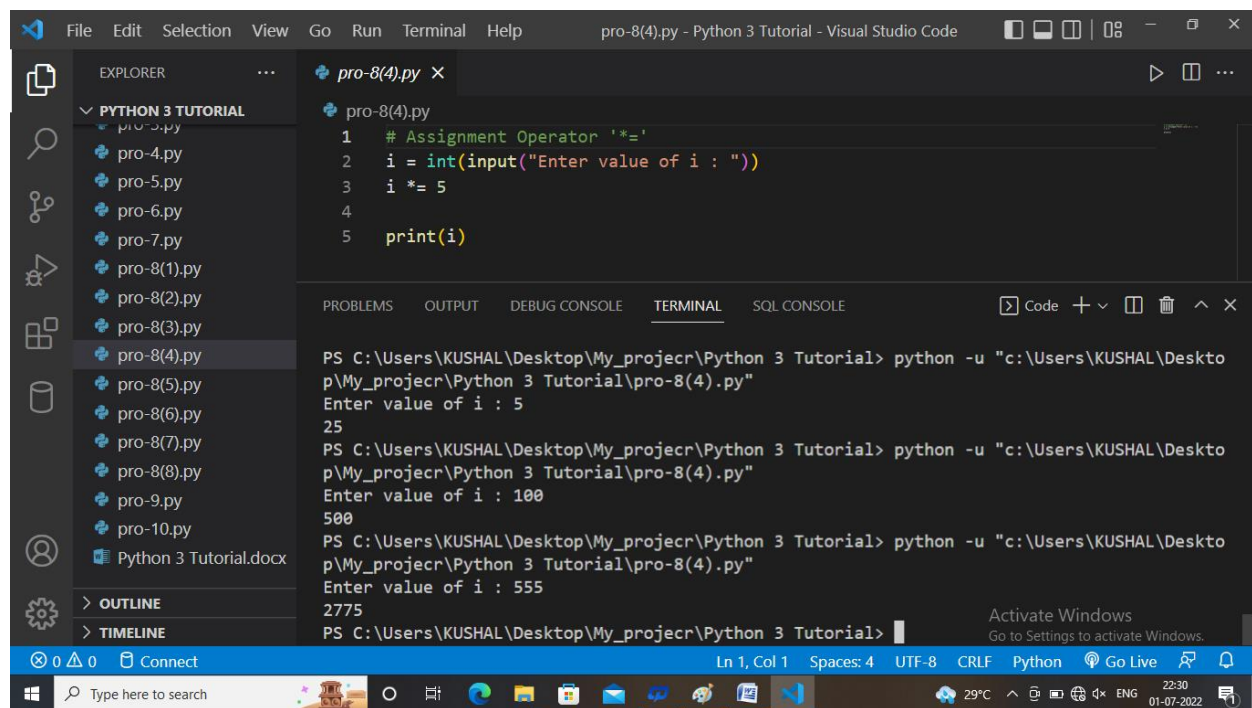
```
PS C:\Users\KUSHAL\Desktop\My_project\Python 3 Tutorial> python -u "c:\Users\KUSHAL\Desktop\My_project\Python 3 Tutorial\pro-8(3).py"
Enter value of i : 10
5
PS C:\Users\KUSHAL\Desktop\My_project\Python 3 Tutorial> python -u "c:\Users\KUSHAL\Desktop\My_project\Python 3 Tutorial\pro-8(3).py"
Enter value of i : 77
72
PS C:\Users\KUSHAL\Desktop\My_project\Python 3 Tutorial> python -u "c:\Users\KUSHAL\Desktop\My_project\Python 3 Tutorial\pro-8(3).py"
Enter value of i : 222
217
PS C:\Users\KUSHAL\Desktop\My_project\Python 3 Tutorial>
```

Activate Windows
Go to Settings to activate Windows.

Ln 1, Col 1 Spaces: 4 UTF-8 CRLF Python Go Live

Type here to search

(PRACTICAL – 11) :



```
File Edit Selection View Go Run Terminal Help pro-8(4).py - Python 3 Tutorial - Visual Studio Code
```

EXPLORER

- PYTHON 3 TUTORIAL
 - pro-1.py
 - pro-4.py
 - pro-5.py
 - pro-6.py
 - pro-7.py
 - pro-8(1).py
 - pro-8(2).py
 - pro-8(3).py
 - pro-8(4).py
 - pro-8(5).py
 - pro-8(6).py
 - pro-8(7).py
 - pro-8(8).py
 - pro-9.py
 - pro-10.py
 - Python 3 Tutorial.docx
- OUTLINE
- TIMELINE

```
pro-8(4).py
1 # Assignment Operator '*'
2 i = int(input("Enter value of i : "))
3 i *= 5
4
5 print(i)
```

PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL SQL CONSOLE

```
PS C:\Users\KUSHAL\Desktop\My_project\Python 3 Tutorial> python -u "c:\Users\KUSHAL\Desktop\My_project\Python 3 Tutorial\pro-8(4).py"
Enter value of i : 5
25
PS C:\Users\KUSHAL\Desktop\My_project\Python 3 Tutorial> python -u "c:\Users\KUSHAL\Desktop\My_project\Python 3 Tutorial\pro-8(4).py"
Enter value of i : 100
500
PS C:\Users\KUSHAL\Desktop\My_project\Python 3 Tutorial> python -u "c:\Users\KUSHAL\Desktop\My_project\Python 3 Tutorial\pro-8(4).py"
Enter value of i : 555
2775
PS C:\Users\KUSHAL\Desktop\My_project\Python 3 Tutorial>
```

Activate Windows
Go to Settings to activate Windows.

Ln 1, Col 1 Spaces: 4 UTF-8 CRLF Python Go Live

Type here to search

(PRACTICAL – 12) :

The screenshot shows the Visual Studio Code interface with the file `pro-8(5).py` open. The Explorer sidebar on the left lists several Python files, with `pro-8(5).py` selected. The code editor displays the following Python code:

```
1 # Assignment Operator '/='
2 i = int(input("Enter value of i : "))
3 i /= 5
4
5 print(i)
```

The TERMINAL panel at the bottom shows the execution of the script using the command `python -u "c:\Users\KUSHAL\Desktop\My_project\Python 3 Tutorial\pro-8(5).py"`. The output shows three separate runs with input values 100, 9999, and 65, resulting in outputs 20.0, 1999.8, and 13.0 respectively.

```
PS C:\Users\KUSHAL\Desktop\My_project\Python 3 Tutorial> python -u "c:\Users\KUSHAL\Desktop\My_project\Python 3 Tutorial\pro-8(5).py"
Enter value of i : 100
20.0
PS C:\Users\KUSHAL\Desktop\My_project\Python 3 Tutorial> python -u "c:\Users\KUSHAL\Desktop\My_project\Python 3 Tutorial\pro-8(5).py"
Enter value of i : 9999
1999.8
PS C:\Users\KUSHAL\Desktop\My_project\Python 3 Tutorial> python -u "c:\Users\KUSHAL\Desktop\My_project\Python 3 Tutorial\pro-8(5).py"
Enter value of i : 65
13.0
PS C:\Users\KUSHAL\Desktop\My_project\Python 3 Tutorial>
```

(PRACTICAL – 13) :

The screenshot shows the Visual Studio Code interface with the file `pro-8(6).py` open. The Explorer sidebar on the left lists several Python files, with `pro-8(6).py` selected. The code editor displays the following Python code:

```
1 # Assignment Operator '%='
2 i = int(input("Enter value of i : "))
3 i %= 5
4
5 print(i)
```

The TERMINAL panel at the bottom shows the execution of the script using the command `python -u "c:\Users\KUSHAL\Desktop\My_project\Python 3 Tutorial\pro-8(6).py"`. The output shows three separate runs with input values 1000, 147, and 999, resulting in outputs 0, 2, and 4 respectively.

```
PS C:\Users\KUSHAL\Desktop\My_project\Python 3 Tutorial> python -u "c:\Users\KUSHAL\Desktop\My_project\Python 3 Tutorial\pro-8(6).py"
Enter value of i : 1000
0
PS C:\Users\KUSHAL\Desktop\My_project\Python 3 Tutorial> python -u "c:\Users\KUSHAL\Desktop\My_project\Python 3 Tutorial\pro-8(6).py"
Enter value of i : 147
2
PS C:\Users\KUSHAL\Desktop\My_project\Python 3 Tutorial> python -u "c:\Users\KUSHAL\Desktop\My_project\Python 3 Tutorial\pro-8(6).py"
Enter value of i : 999
4
PS C:\Users\KUSHAL\Desktop\My_project\Python 3 Tutorial>
```

(PRACTICAL – 14) :

```
File Edit Selection View Go Run Terminal Help pro-8(7).py - Python 3 Tutorial - Visual Studio Code
```

EXPLORER

- PYTHON 3 TUTORIAL
 - pro-4.py
 - pro-5.py
 - pro-6.py
 - pro-7.py
 - pro-8(1).py
 - pro-8(2).py
 - pro-8(3).py
 - pro-8(4).py
 - pro-8(5).py
 - pro-8(6).py
 - pro-8(7).py
 - pro-8(8).py
 - pro-9.py
 - pro-10.py
 - Python 3 Tutorial.docx
- OUTLINE
- TIMELINE

```
1 # Assignment Operator '//='
2 i = int(input("Enter value of i : "))
3 i //= 5
4
5 print(i)
```

PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL SQL CONSOLE

```
PS C:\Users\KUSHAL\Desktop\My_project\Python 3 Tutorial> python -u "c:\Users\KUSHAL\Desktop\My_project\Python 3 Tutorial\pro-8(7).py"
Enter value of i : 99
19
PS C:\Users\KUSHAL\Desktop\My_project\Python 3 Tutorial> python -u "c:\Users\KUSHAL\Desktop\My_project\Python 3 Tutorial\pro-8(7).py"
Enter value of i : 333
66
PS C:\Users\KUSHAL\Desktop\My_project\Python 3 Tutorial> python -u "c:\Users\KUSHAL\Desktop\My_project\Python 3 Tutorial\pro-8(7).py"
Enter value of i : 2525
505
PS C:\Users\KUSHAL\Desktop\My_project\Python 3 Tutorial>
```

Activate Windows
Go to Settings to activate Windows.

Ln 1, Col 1 Spaces: 4 UTF-8 CRLF Python Go Live

(PRACTICAL – 15) :

```
File Edit Selection View Go Run Terminal Help pro-8(8).py - Python 3 Tutorial - Visual Studio Code
```

EXPLORER

- PYTHON 3 TUTORIAL
 - pro-4.py
 - pro-5.py
 - pro-6.py
 - pro-7.py
 - pro-8(1).py
 - pro-8(2).py
 - pro-8(3).py
 - pro-8(4).py
 - pro-8(5).py
 - pro-8(6).py
 - pro-8(7).py
 - pro-8(8).py
 - pro-9.py
 - pro-10.py
 - Python 3 Tutorial.docx
- OUTLINE
- TIMELINE

```
1 # Assignment Operator ' *= '
2 i = int(input("Enter value of i : "))
3 i *= 5
4
5 print(i)
```

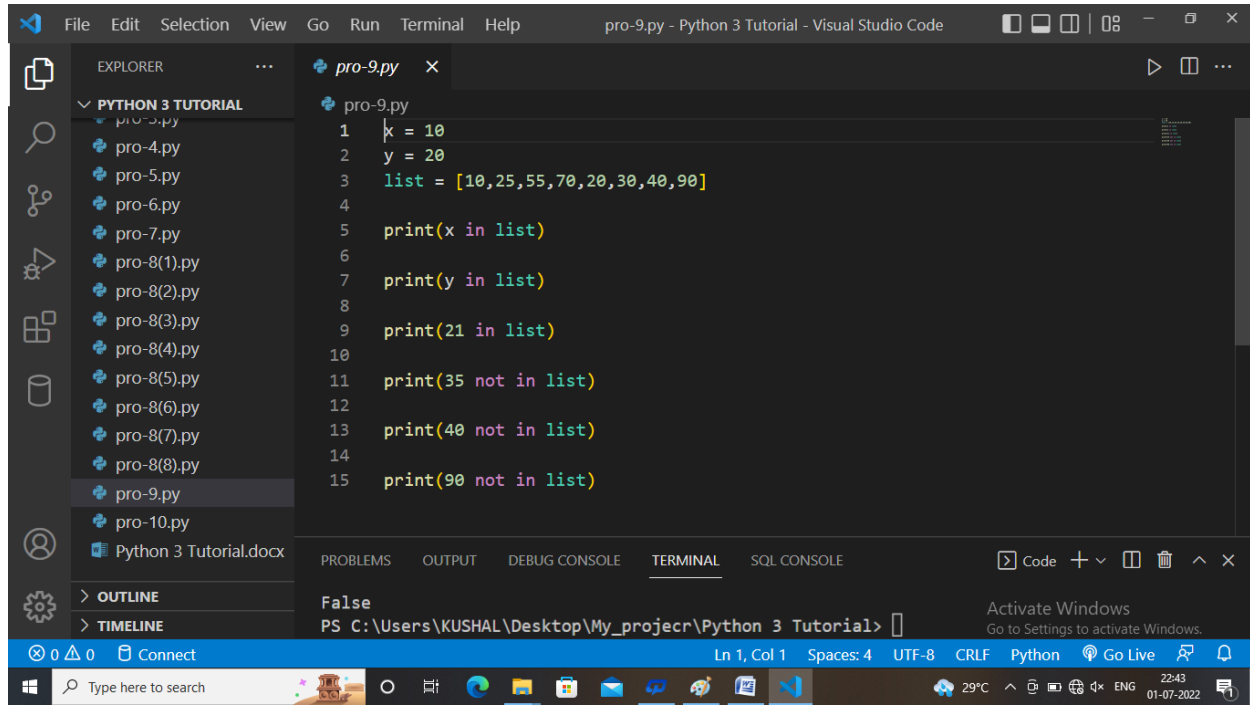
PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL SQL CONSOLE

```
PS C:\Users\KUSHAL\Desktop\My_project\Python 3 Tutorial> python -u "c:\Users\KUSHAL\Desktop\My_project\Python 3 Tutorial\pro-8(8).py"
Enter value of i : 2
32
PS C:\Users\KUSHAL\Desktop\My_project\Python 3 Tutorial> python -u "c:\Users\KUSHAL\Desktop\My_project\Python 3 Tutorial\pro-8(8).py"
Enter value of i : 5
3125
PS C:\Users\KUSHAL\Desktop\My_project\Python 3 Tutorial> python -u "c:\Users\KUSHAL\Desktop\My_project\Python 3 Tutorial\pro-8(8).py"
Enter value of i : 11
161051
PS C:\Users\KUSHAL\Desktop\My_project\Python 3 Tutorial>
```

Activate Windows
Go to Settings to activate Windows.

Ln 1, Col 1 Spaces: 4 UTF-8 CRLF Python Go Live

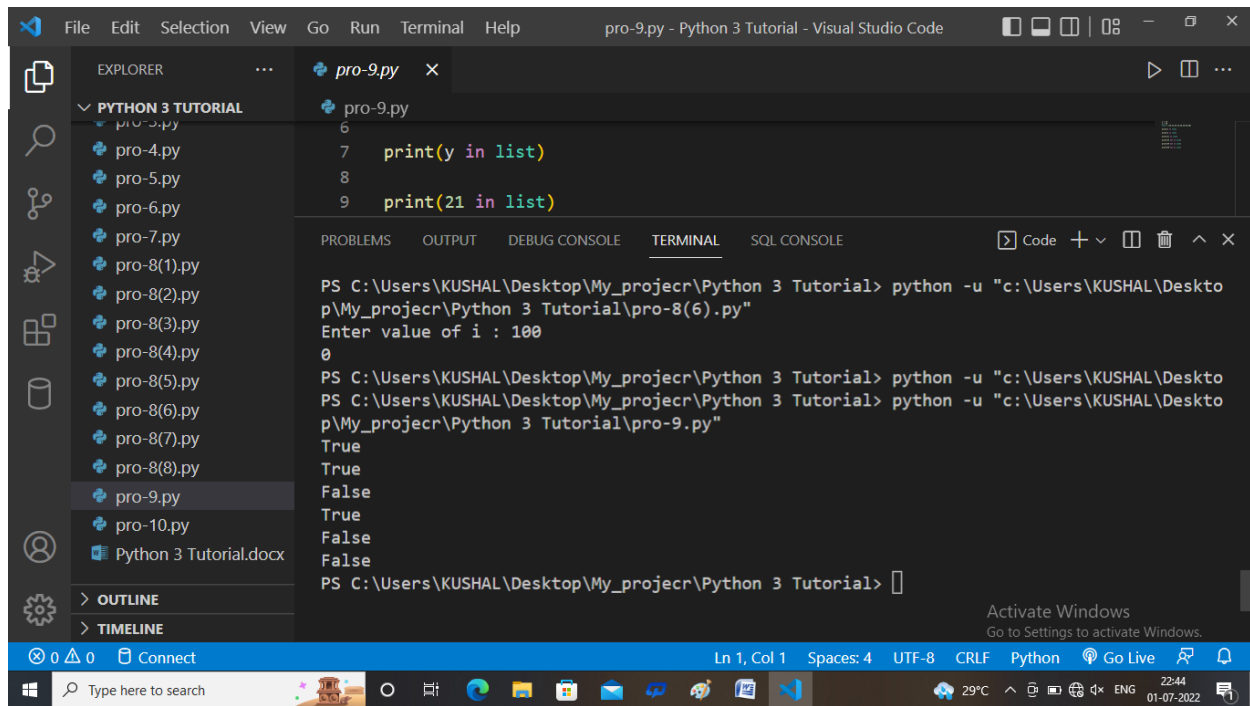
(PRACTICAL – 16) :



```
1 x = 10
2 y = 20
3 list = [10,25,55,70,20,30,40,90]
4
5 print(x in list)
6
7 print(y in list)
8
9 print(21 in list)
10
11 print(35 not in list)
12
13 print(40 not in list)
14
15 print(90 not in list)
```

False
PS C:\Users\KUSHAL\Desktop\My_project\Python 3 Tutorial>

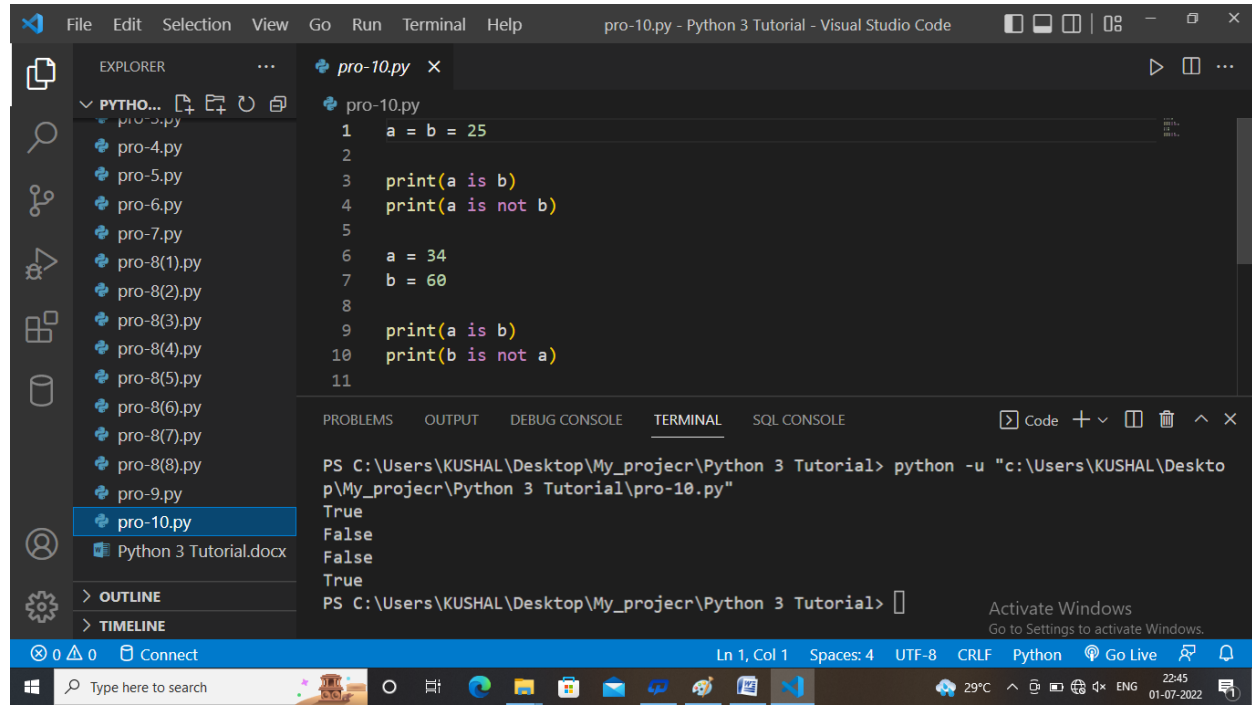
Output:



```
6
7 print(y in list)
8
9 print(21 in list)
```

PS C:\Users\KUSHAL\Desktop\My_project\Python 3 Tutorial> python -u "c:\Users\KUSHAL\Desktop\My_project\Python 3 Tutorial\pro-8(6).py"
Enter value of i : 100
0
PS C:\Users\KUSHAL\Desktop\My_project\Python 3 Tutorial> python -u "c:\Users\KUSHAL\Desktop\My_project\Python 3 Tutorial\pro-9.py"
True
True
False
True
False
False
False
PS C:\Users\KUSHAL\Desktop\My_project\Python 3 Tutorial>

(PRACTICAL – 17) :



The screenshot displays the Visual Studio Code interface with the following components:

- Explorer Panel:** Lists files in the 'PYTHON 3 Tutorial' folder, including `pro-4.py` through `pro-10.py`, and `Python 3 Tutorial.docx`. `pro-10.py` is selected.
- Editor Panel:** Shows the content of `pro-10.py`:

```
1 a = b = 25
2
3 print(a is b)
4 print(a is not b)
5
6 a = 34
7 b = 60
8
9 print(a is b)
10 print(b is not a)
11
```
- Terminal Panel:** Displays the command prompt output for running the script:

```
PS C:\Users\KUSHAL\Desktop\My_project\Python 3 Tutorial> python -u "c:\Users\KUSHAL\Desktop\My_project\Python 3 Tutorial\pro-10.py"
True
False
False
True
PS C:\Users\KUSHAL\Desktop\My_project\Python 3 Tutorial>
```
- Status Bar:** Shows the current cursor position as 'Ln 1, Col 1', 'Spaces: 4', 'UTF-8', 'CRLF', and 'Python'.
- Taskbar:** Includes the Windows search bar, taskbar icons, and system tray showing '29°C', '22:45', and '01-07-2022'.



THE END