

Navigate Code Refactor Run Tools VCS Window Help Python-Scripting - python variables.py

python variables.py

python variables.py

1 num1=10
2 num2=20
3 print("addition of 10 and 20:" ,num1+num2)
4 print("substraction of 10 and 20:" ,num1-num2)
5 print("multiplication of 10 and 20:" ,num1*num2)
6 print("division of 10 and 20:" ,num1/num2)
7 print("modulous of 10 and 20:" ,num1%num2)
8 print("exponential of 10 and 20:" ,num1**num2)
9 print("floor division of 10 and 20:" ,num1//num2)

python variables x

C:\Users\user\AppData\Local\Programs\Python\Python39\python.exe "C:/Users/user/PycharmProjects/Py...
addition of 10 and 20: 30
substraction of 10 and 20: -10
multiplication of 10 and 20: 200
division of 10 and 20: 0.5
modulous of 10 and 20: 10
exponential of 10 and 20: 10000000000000000000000000000000
floor division of 10 and 20: 0

TODO Problems Terminal Python Console

Teams

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A screenshot of the PyCharm IDE interface. The top navigation bar includes View, Navigate, Code, Refactor, Run, Tools, VCS, Window, Help, and Python-Scripting - python variables.py. The left sidebar shows project files like main.py, python variables.py, and Virtual Libraries. The main editor window displays the following Python code:

```
1 num1=10
2 num2=20
3 print(num1==num2)
4 print(num1!=num2)
5 print(num1<num2)
6 print(num1>num2)
7 print(num1<=num2)
8 print(num1>=num2)
```

The bottom terminal window shows the output of the executed script:

```
C:\Users\user\AppData\Local\Programs\Python\Python39\python.exe "C:/Users/user/PycharmProjects/Py
False
True
True
False
True
False
```

Below the terminal, there are TODO, Problems, and Terminal tabs, along with a message about 25 missing whitespace around operators. The bottom status bar shows the Lenovo logo.

Edit View Navigate Code Refactor Run Tools VCS Window Help Python-Scripting - python variables.py

cripting > python variables.py

object ▾

Python-Scripting C:\Users\user\PycharmProjects\Python variables

- main.py
- python variables.py

External Libraries

Scratches and Consoles

python variables.py

```
1 num1=10
2 num2=20
3 num2 += 1
4 print(num1)
5 num2 -= 1
6 print(num1)
7 num2 *= 1
8 print(num1)
9 num2 /= 1
10 print(num1)
11 num2 //= 1
12 print(num1)
```

Run: python variables

```
C:\Users\user\AppData\Local\Programs\Python\Python39\python.exe "C:/Users/user/PycharmProjects/Python variables/python variables.py"
10
10
10
10
10

Process finished with exit code 0
```

Run TODO Problems Terminal Python Console

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A screenshot of the PyCharm IDE interface. The top navigation bar includes View, Navigate, Code, Refactor, Run, Tools, VCS, Window, Help, and Python-Scripting - python variables.py. The left sidebar shows project files like main.py, python variables.py, and others. The main editor window displays the following Python code:

```
1 num1=10
2 num2=20
3 print(num1<num2 and num2!=num1)
```

The code is highlighted with syntax coloring. Below the editor is a terminal window showing the output of the script:

```
python variables
C:\Users\user\AppData\Local\Programs\Python\Python39\python.exe "C:/Users/user/PycharmProjects/Python-Scripting/python variables.py"
True

Process finished with exit code 0
```

The bottom navigation bar includes tabs for TODO, Problems, Terminal, and Python Console.

it. Free PowerPoint T x +

View Navigate Code Refactor Run Tools VCS Window Help Python-Scripting - python variables.py

ting > python variables.py

Python-Scripting C:\Users\user\PycharmProjects\Pyth 1 Demat=5
main.py 2 print("This is or operator")
python variables.py 3 print(Demat >3 or Demat <4)
External Libraries 4 Demat=5
Matches and Consoles 5 print("This is not operator")
6 print(not(Demat>6))

python variables x
C:\Users\user\AppData\Local\Programs\Python\Python39\python.exe "C:/Users/user/PycharmProj...
This is or operator
True
This is not operator
True

Process finished with exit code 0

Run TODO Problems Terminal Python Console
In word 'Demat'

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View Navigate Code Refactor Run Tools VCS Window Help Python-Scripting - python variables.py

python variables.py

Python-Scripting C:\Users\user\PycharmProjects\Python-Scripting\python variables.py

a,b,c,d=10,20,30,40
print(c,"value of c")
print("value of a is:",a,"value of b is:",b,"value of c is:",c,"value of d is:",d)

python variables

C:\Users\user\AppData\Local\Programs\Python\Python39\python.exe "C:/Users/user/PycharmProjects/Python-Scripting/python variables.py"
30 value of c
value of a is: 10 value of b is: 20 value of c is: 30 value of d is: 40
Process finished with exit code 0

TODO Problems Terminal Python Console

231 missing whitespace after ''

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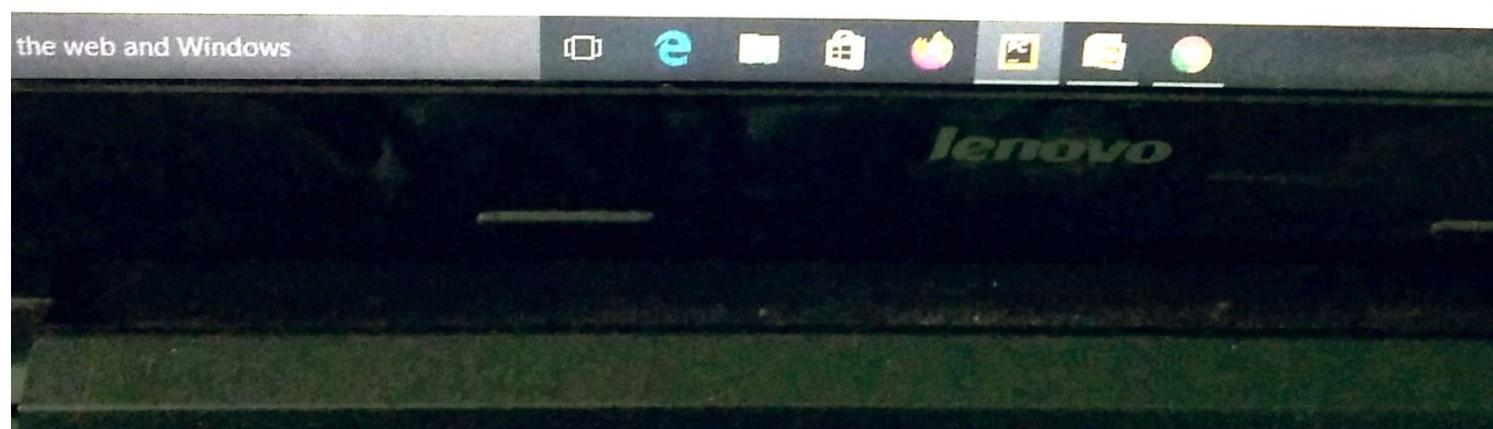
```
a,b,c,d=10,20,30,40
print(c,"value of c")
print("value of a is:",a,"value of b is:",b,"value of c is:",c,"value of d is:",d)

Process finished with exit code 0
```

The screenshot shows the PyCharm IDE interface. The top navigation bar includes icons for file operations, project structure, and settings. The main window displays a Python script named `python variables.py`. The code uses the `in` operator to check if various fruits are present in a list `x`, and the `not in` operator to check if they are not. The output terminal at the bottom shows the execution of the script and its results.

```
1 print("This is in membership operator")
2 x=["Apple", "Banana", "Orange", "Mango"]
3 print("Apple" in x)
4 print("Banana" in x)
5 print("Orange" in x)
6 print("Mango" in x)
7 print("This is not in membership operator")
8 x=["Apple", "Banana", "Orange", "Mango"]
9 print("Apple" not in x)
10 print("Banana" not in x)
11 print("Orange" not in x)
12 print("Mango" not in x)
```

```
\Users\user\AppData\Local\Programs\Python\Python39\python.exe "C:/Users/user/PycharmProjects/Pyt
is is in membership operator
rue
rue
rue
rue
This is not in membership operator
False
```



tf00001240_wac - Microsoft PowerPoint

View Navigate Code Refactor Run Tools VCS Window Help Python-Scripting - python variables.py

python variables.py

Python-Scripting C:\Users\user\PycharmProjects\Python Variables

main.py

python variables.py

Final Libraries

Switches and Consoles

x=5

print(type(x) is int)

print(type(x) is str)

print(type(x) is not float)

print(type(x) is not bool)

python variables

C:\Users\user\AppData\Local\Programs\Python\Python39\python.exe "C:/Users/user/PycharmProjects/Python Variables/main.py"

True

False

True

True

Process finished with exit code 0

Run TODO Problems Terminal Python Console

selected configuration

File Edit Run Tools VCS Window Help Python-Scripting - python variables.py

python variables.py

python variables.py

Scripting C:\Users\user\PycharmProjects\Python variables.py Libraries and Consoles

```
1 #For loop used in range()
2 print("This is range method")
3 print(range(5))
4
5 Genre = ['pop', 'rock', 'jazz']
6 for i in Genre:
7     print(i)
```

for i in Genre

python variables ×

```
This is range method
range(0, 5)
pop
rock
jazz
```

Process finished with exit code 0

Run TODO Problems Terminal Python Console

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The screenshot shows the PyCharm IDE interface. The top navigation bar includes File, Edit, Run, Tools, VCS, Window, Help, and a tab for "Python-Scripting - python variables.py". Below the navigation bar is a toolbar with icons for file operations like new, open, save, and run. The main workspace has a dark theme with light-colored code blocks. On the left, there's a sidebar titled "Scripting" showing the project structure with files like "python variables.py" and "Libraries and Consoles". The central area contains the code editor with the following content:1 #For loop used in range()
2 print("This is range method")
3 print(range(5))
4
5 Genre = ['pop', 'rock', 'jazz']
6 for i in Genre:
7 print(i)

```
for i in Genre
```

The code uses a for loop to iterate over a list of genres and prints each item. In the bottom-left corner of the code editor, there's a small yellow lightbulb icon with a question mark, indicating a potential issue or suggestion. The bottom part of the screen shows the "Output" tab with the execution results:This is range method
range(0, 5)
pop
rock
jazz

Below the output, it says "Process finished with exit code 0". At the very bottom, there are tabs for "Run", "TODO", "Problems", "Terminal", and "Python Console". The bottom right corner of the screen displays the "lenovo" logo.

Navigate Code Refactor Run Tools VCS Window Help Python-Scripting - python variables.py

python variables.py

scripting C:\Users\user\PycharmProjects\Pyth
py
n variables.py
Libraries
s and Consoles

python variables.py

```
numbers = [1, 2, 3, 4, 5, 6, 7, 8, 9, 10]
for i in numbers:
    if(i%2==0):
        print("even numbers are : ", i)
    else:
        print("odd numbers are : ", i)
```

for i in numbers : else

python variables x
even numbers are : 6
odd numbers are : 7
even numbers are : 8
odd numbers are : 9
even numbers are : 10

Process finished with exit code 0

TODO Problems Terminal Python Console

selected configuration

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Navigate Code Refactor Run Tools VCS Window Help Python-Scripting - python variables.py

python variables.py

python C:\Users\user\PycharmProjects\Python-Scripting\variables.py

and Consoles

python variables.py

variables

and Consoles

python variables.py

python variables.py

1 `#if elif else`

2 `prompt = int(input("Enter number:"))`

3 `if(prompt==1):`

4 `print("the value enter is 1")`

5 `if(prompt==2):`

6 `print("the value enter is 2")`

7 `if(prompt==3):`

8 `print("the value enter is 3")`

9 `else:`

10 `print("the entered value is not equal to the condition")`

python variables

C:\Users\user\AppData\Local\Programs\Python\Python39\python.exe "C:/Users/user/PycharmProjects/Python-Scripting/variables.py"

Enter number: 3

the value enter is 3

Process finished with exit code 0

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TODO Problems Terminal Python Console

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VCS Window Help Python-Scripting - python variables.py

python variables.py

```
1 #if else
2 prompt = int(input("Enter number:"))
3 if(prompt==1):
4     print("the value enter is 1")
5 else:
6     print("the entered value is not equal to the condition")
7 if(prompt==2):
8     print("the value enter is 2")
9 else:
10    print("the entered value is not equal to the condition")
11 if(prompt==3):
12    print("the value enter is 3")
13 else:
14    print("the entered value is not equal to the condition")
15
16 print("the entered value is not equal to the condition")
if(prompt==2)
```

```
to the condition
to the condition
to the condition
```

Tools VCS Window Help Python-Scripting - python variables.py

python variables.py

```
1 prompt=int(input("Enter a number"))
2 if(prompt==1):
3     print("The value enter is 1")
4 print("The value enter is not 1")
```

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File code &