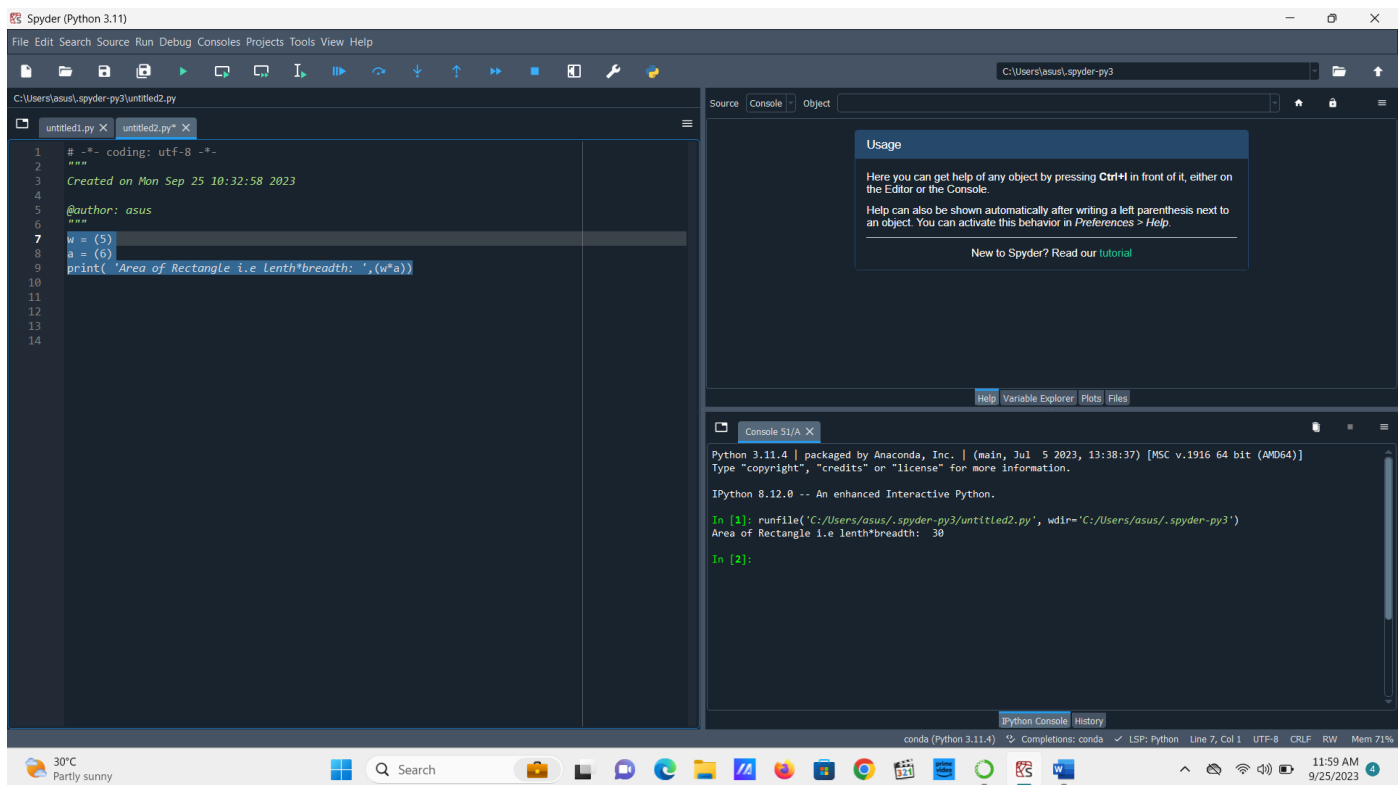


1. Area of Rectangle

w = (5)

a = (6)

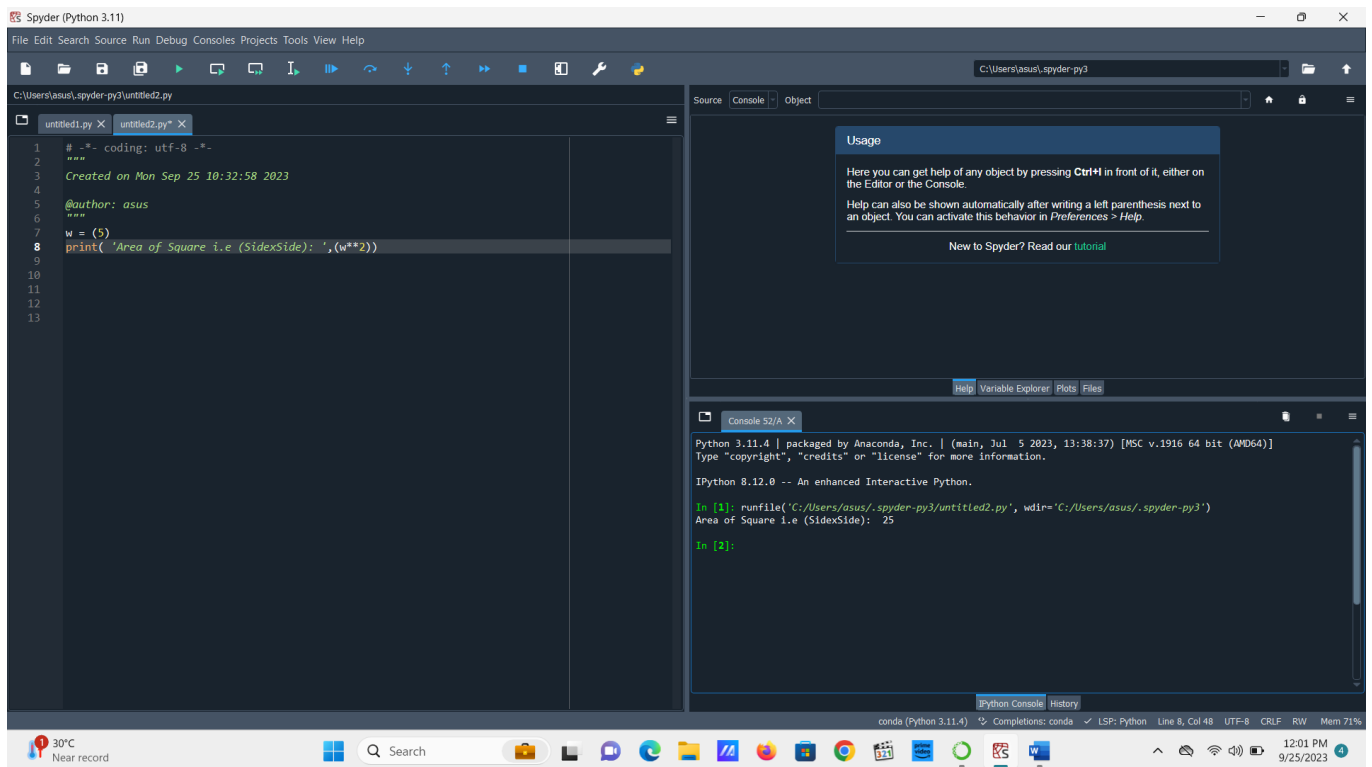
print('Area of Rectangle i.e lenth*breath: ',(w*a))



2. Area of Square

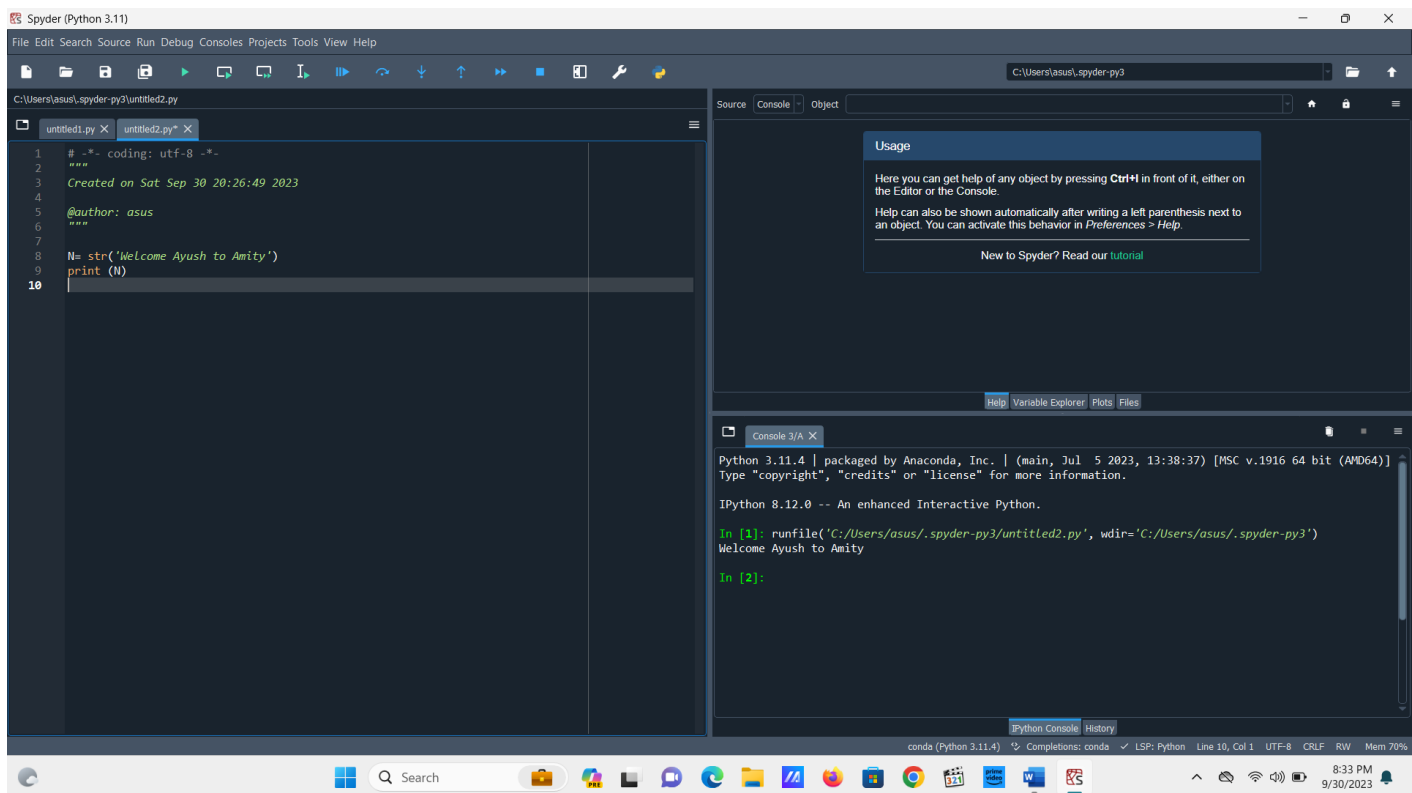
w = (5)

print('Area of Square i.e (Side*Side): ',(w**2))

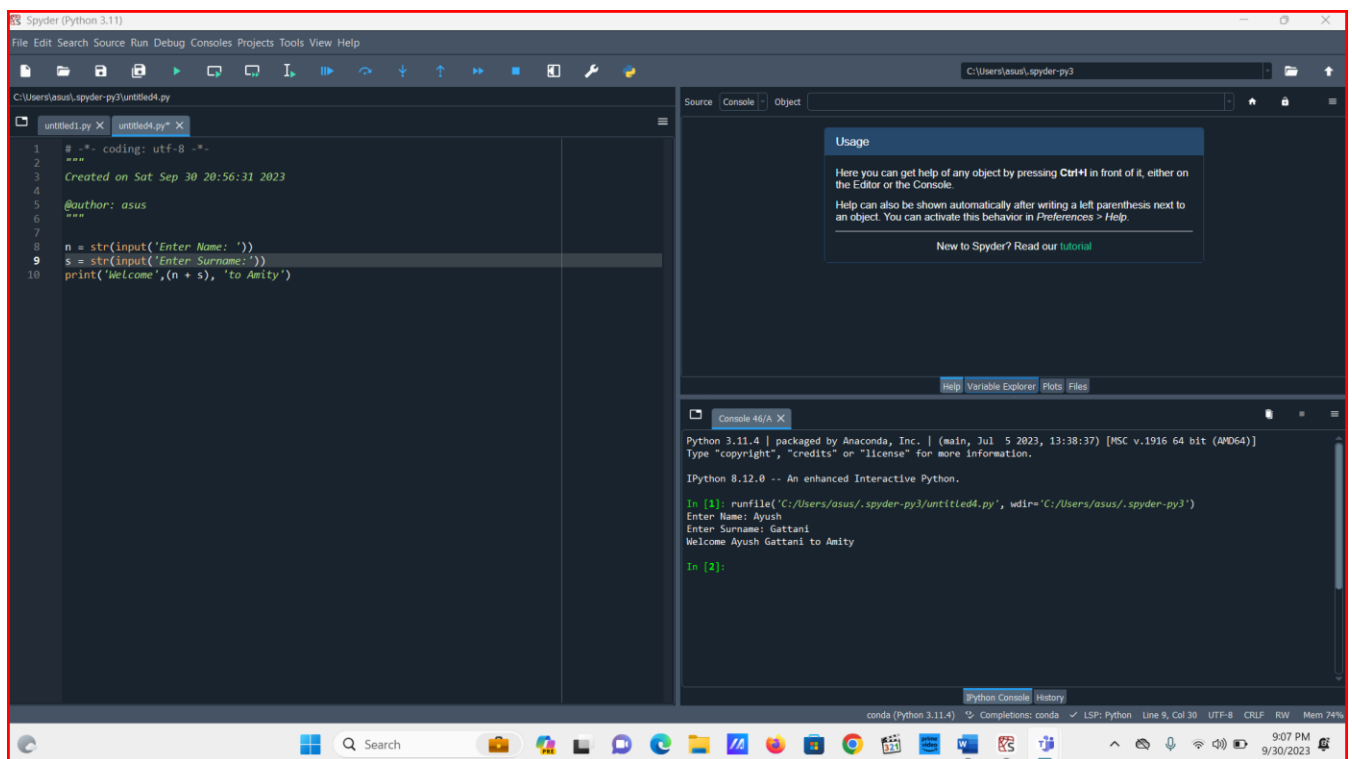


3. Welcome to Amity (String)

```
N= str('Welcome Ayush to Amity')  
print (N)
```



4. Welcome By String and User Input

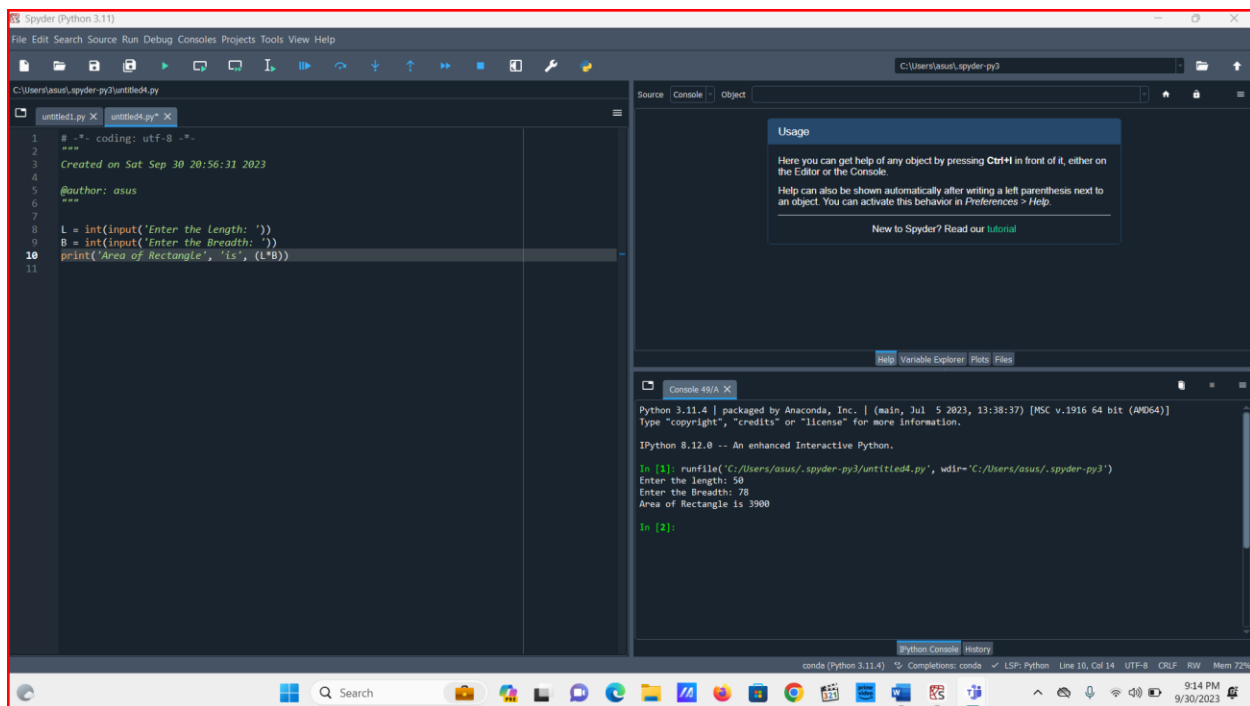


5. Area of Rectangle by User Input

```
L = int(input('Enter the length: '))
```

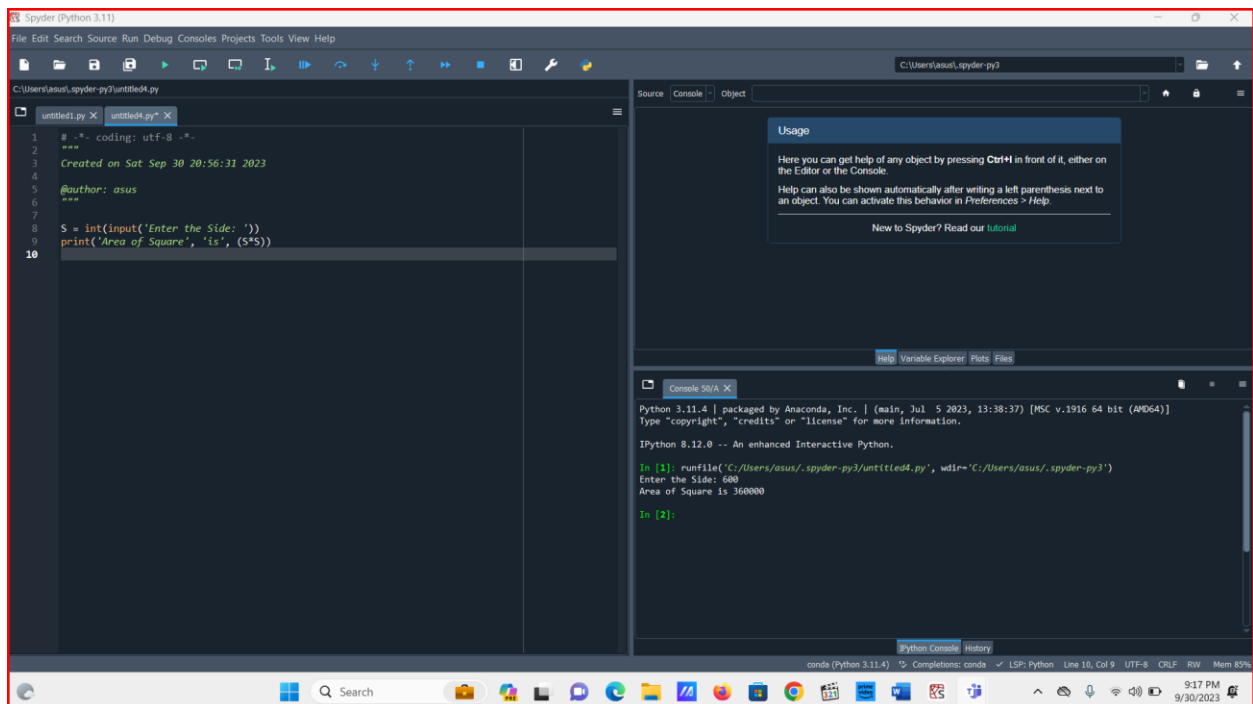
```
B = int(input('Enter the Breadth: '))
```

```
print('Area of Rectangle', 'is', (L*B))
```



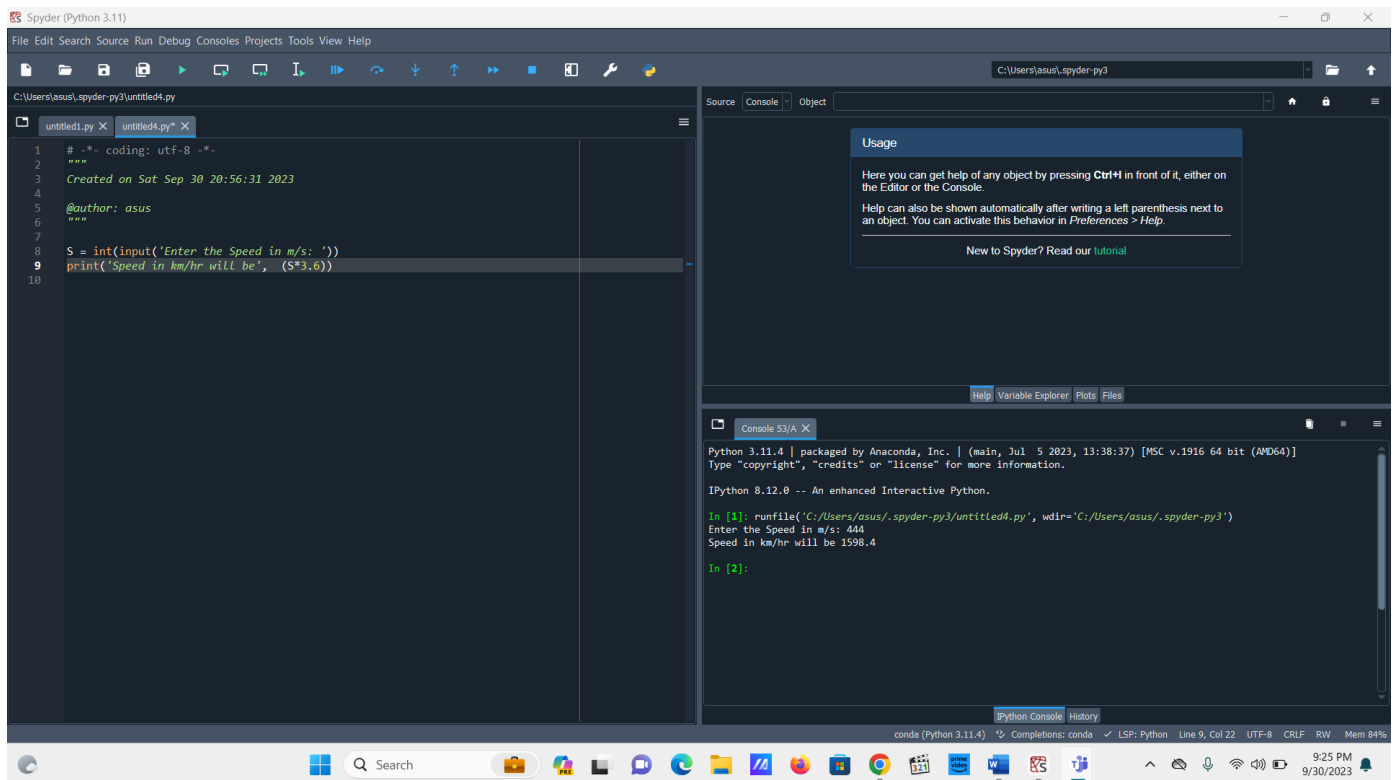
6. Area of square by User Input

```
S = int(input('Enter the Side: '))  
print('Area of Square', 'is', (S*S))
```



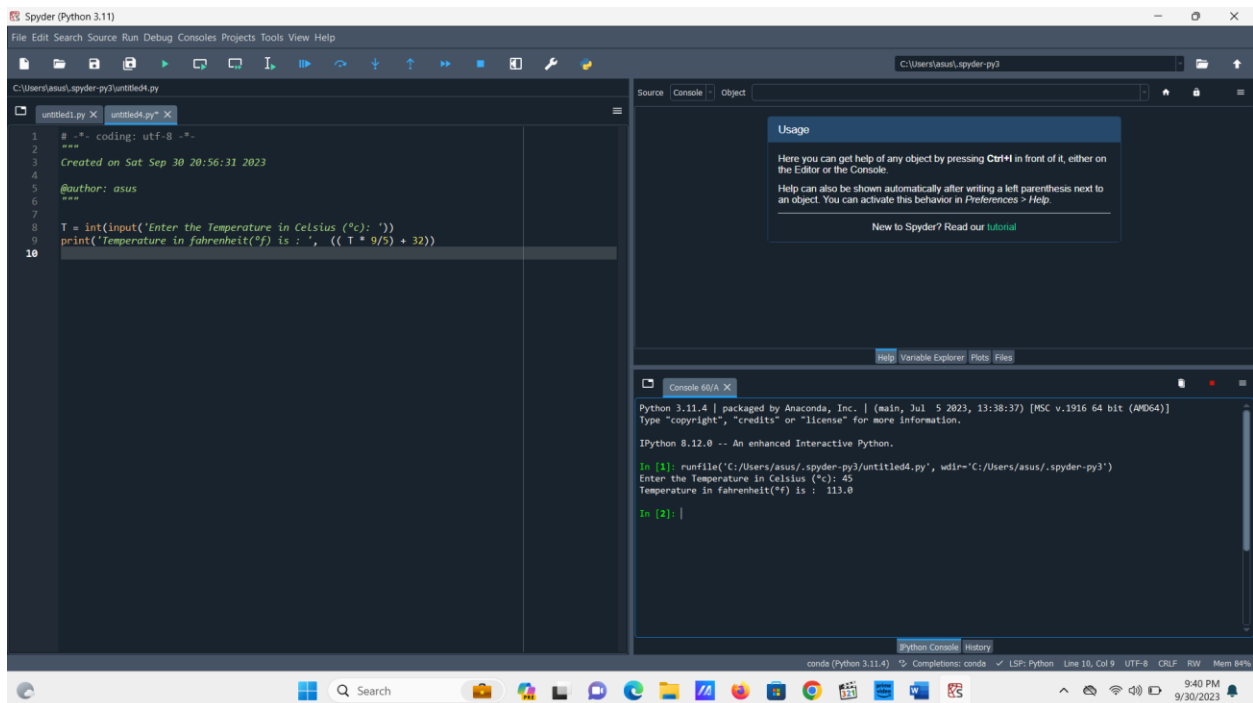
7. Conversion of m/s to km/hr

```
S = int(input('Enter the Speed in m/s: '))  
print('Speed in km/hr will be', (S*3.6))
```



8. Temperature Conversion

```
T = int(input('Enter the Temperature in Celsius (°c): '))  
print('Temperature in fahrenheit(°f) is : ', (( T * 9/5) +  
32))
```

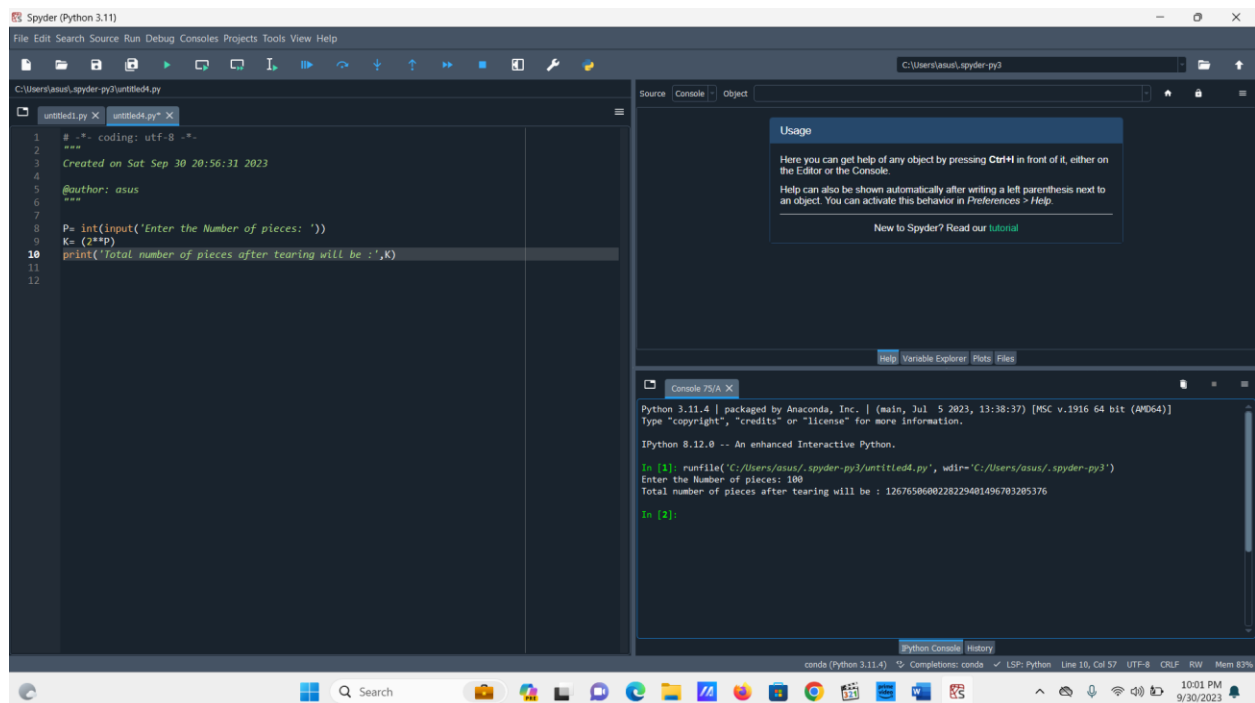


9. Pieces of Paper

P= int(input('Enter the Number of pieces: '))

K= (2**P)

print('Total number of pieces after tearing will be :',K)

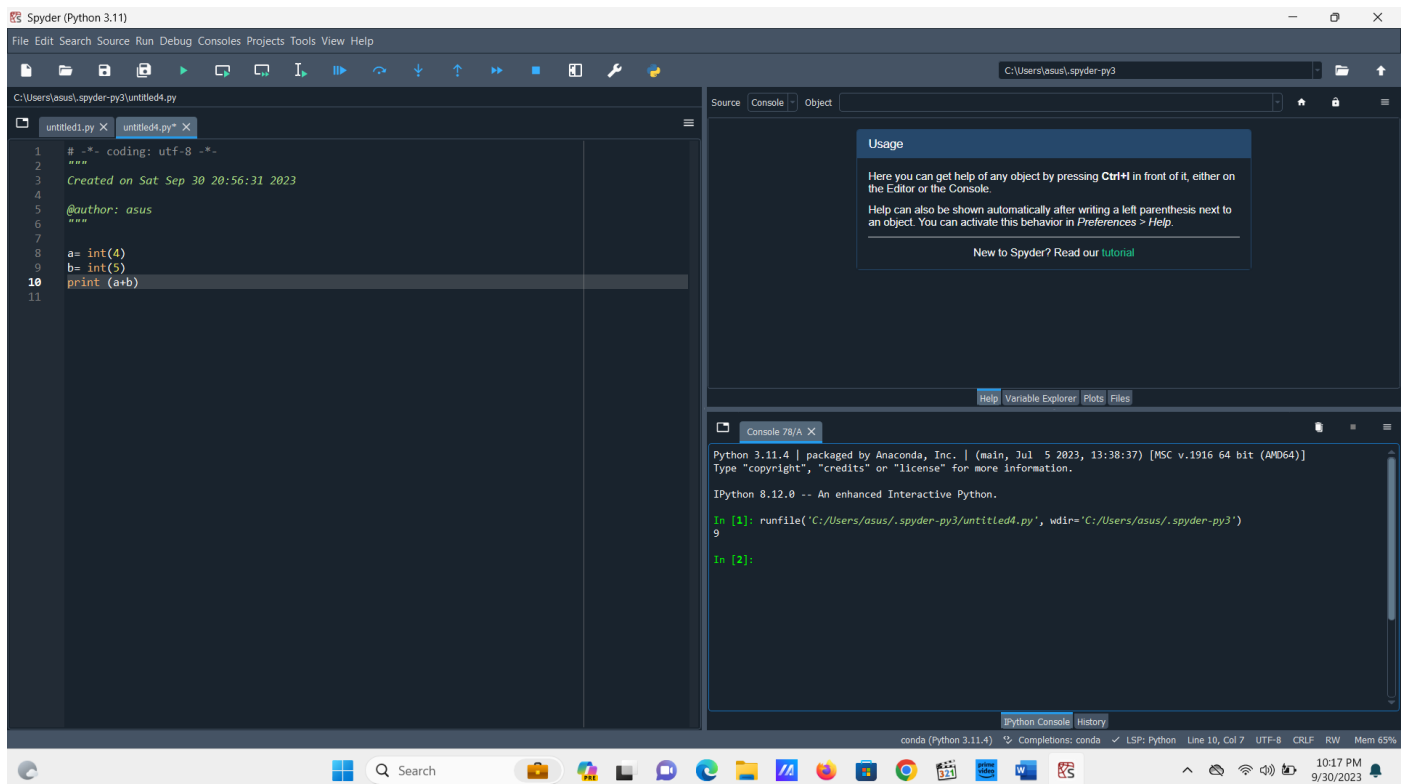


10. Addition

a= int(4)

b= int(5)

print (a+b)

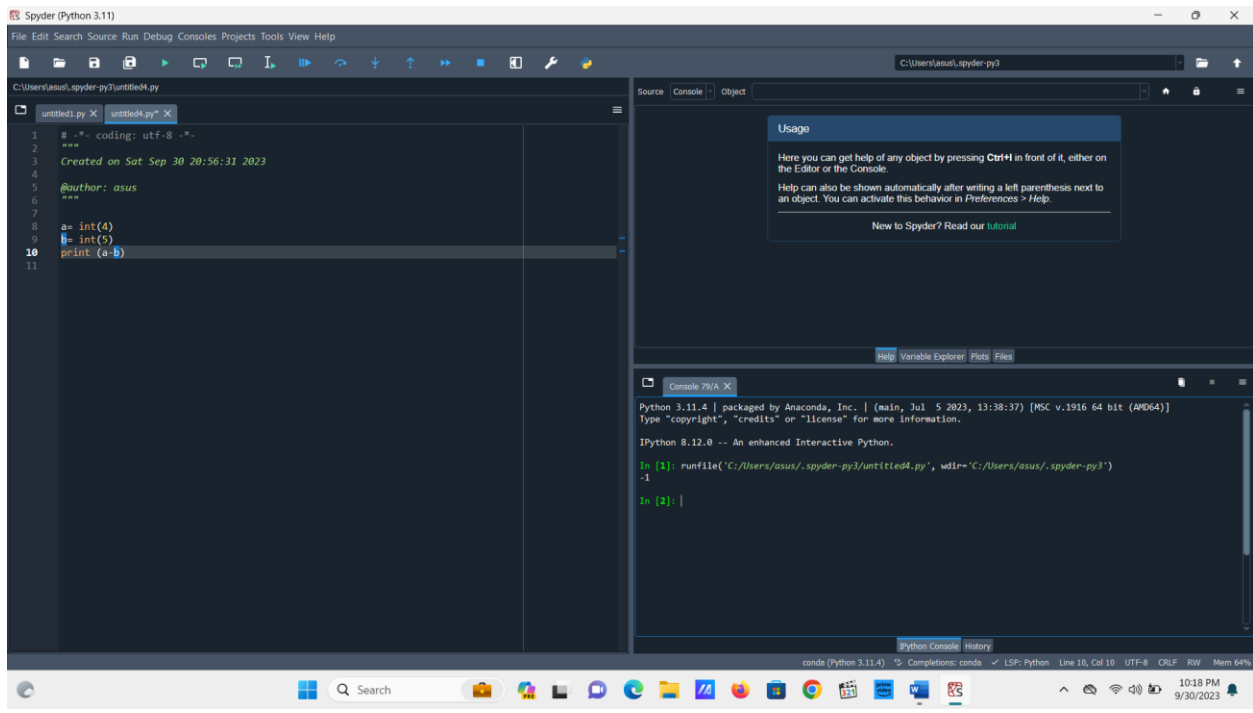


11. Subtraction

a= int(4)

b= int(5)

print (a-b)

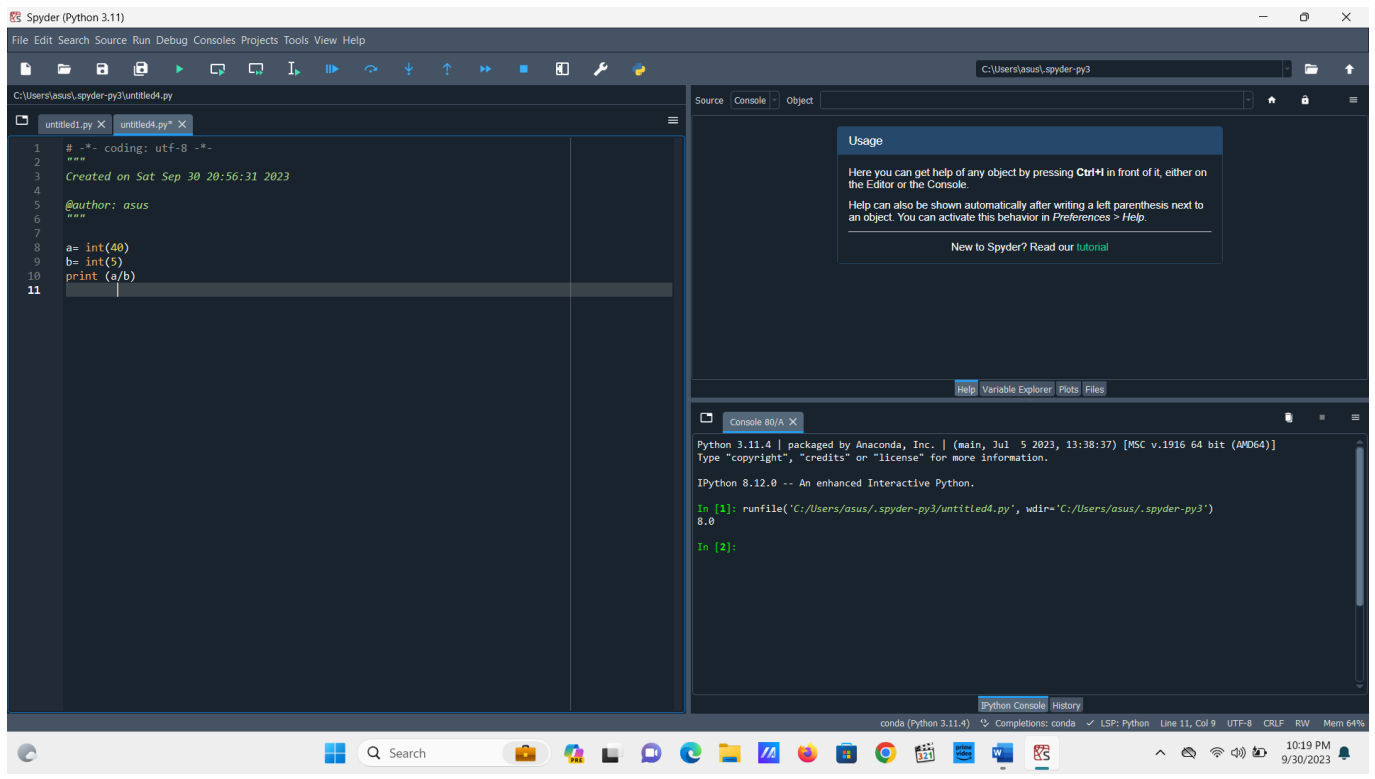


12. Division

a= int(40)

b= int(5)

print (a/b)

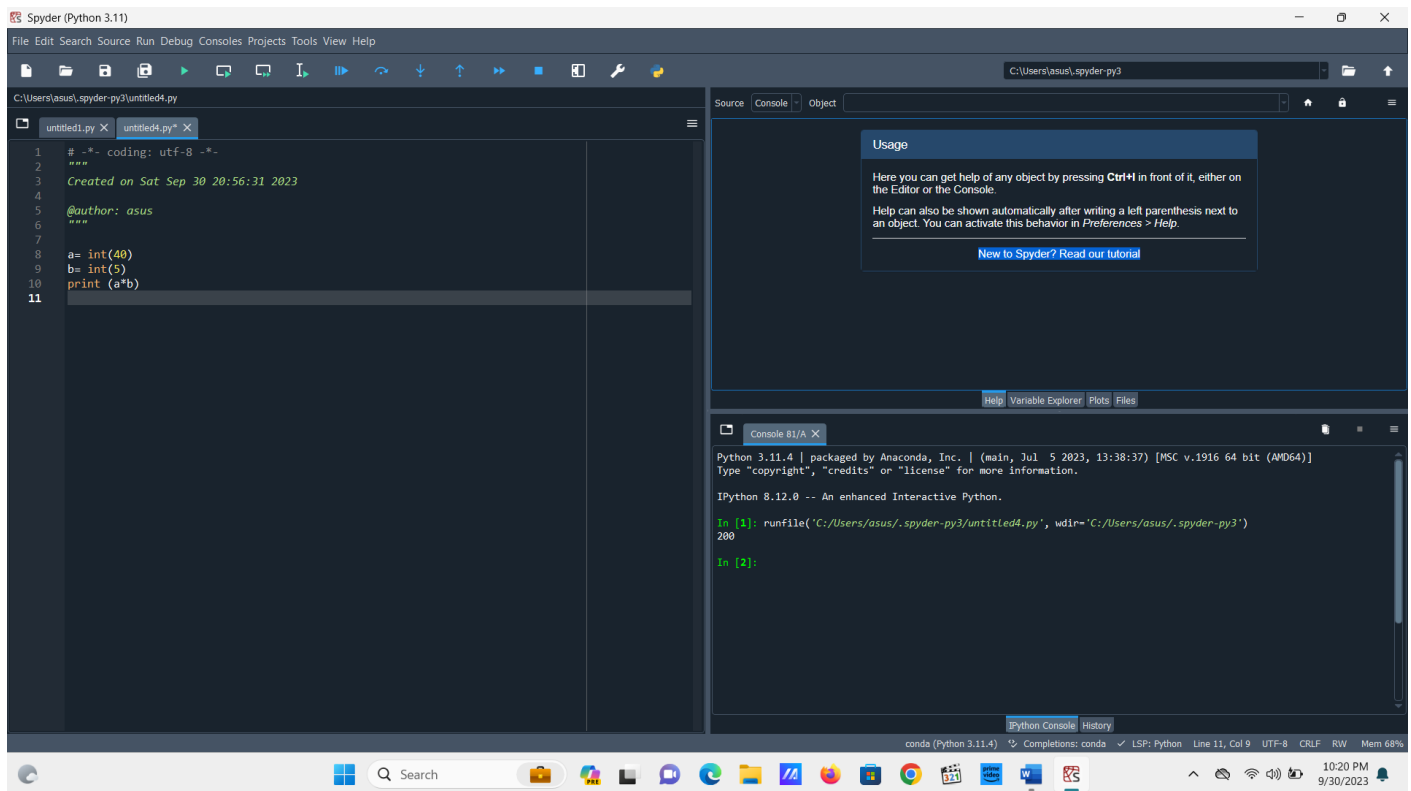


13. Multiplication

```
a= int(40)
```

```
b= int(5)
```

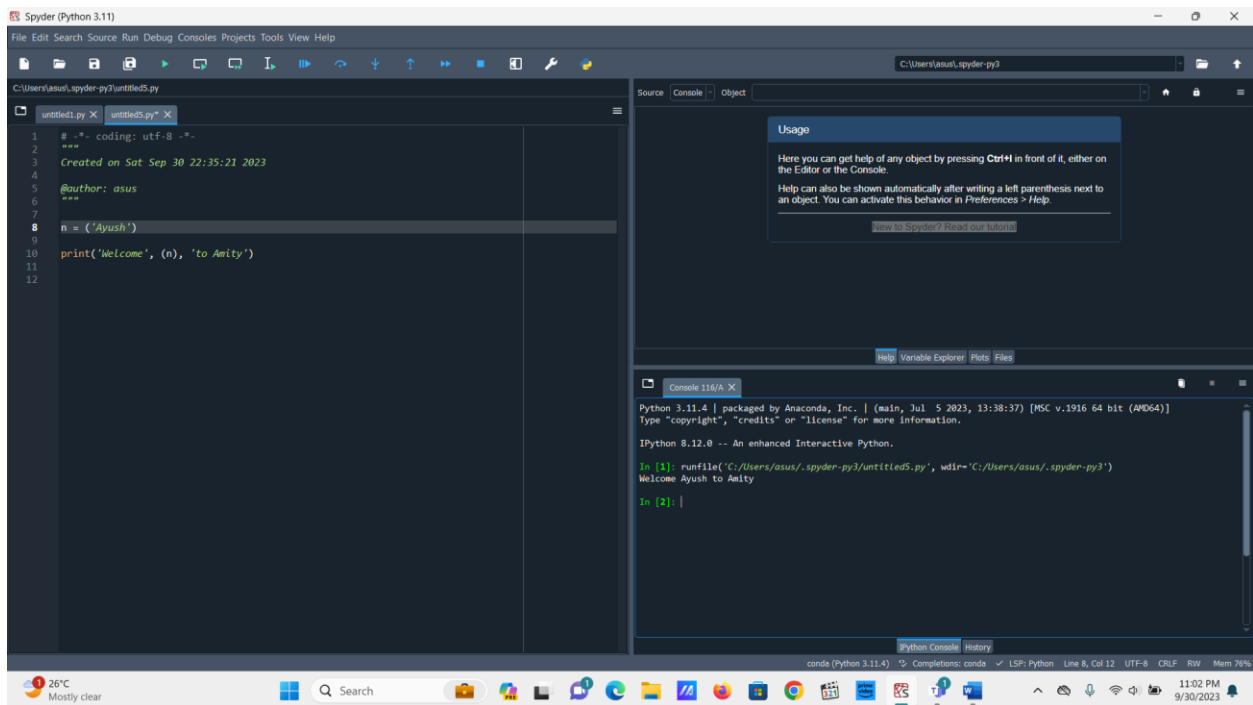
```
print (a*b)
```



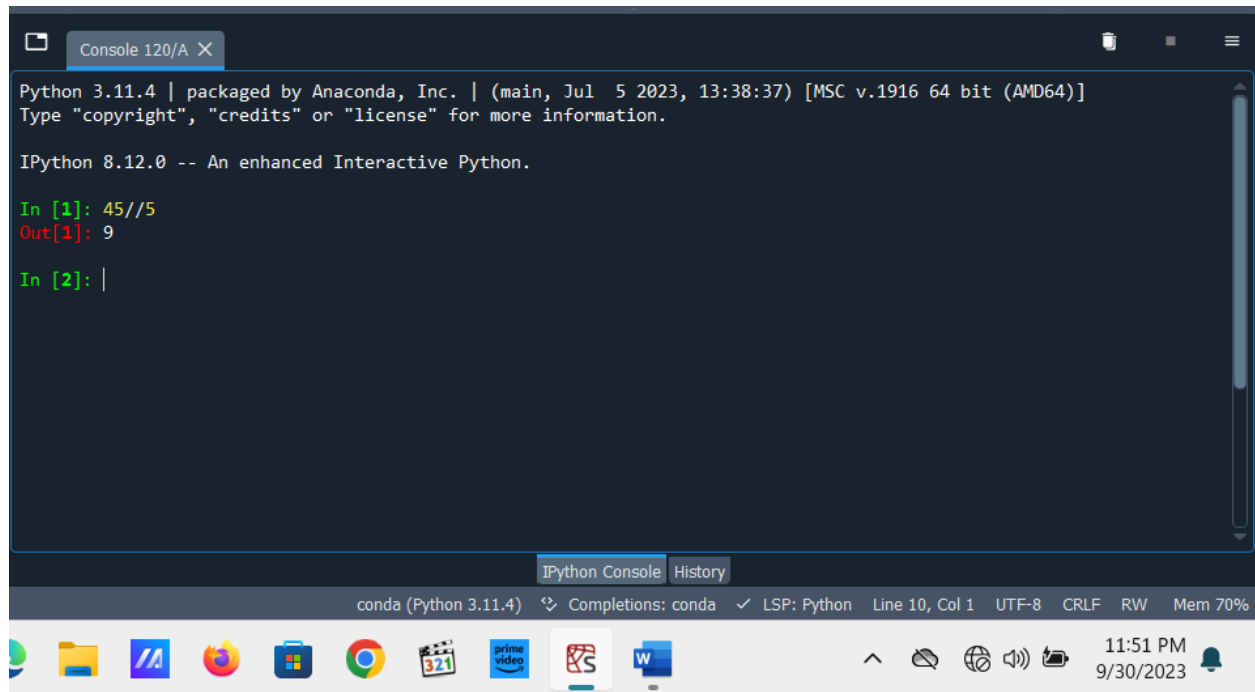
14. Name

```
n = ('Ayush')
```

```
print('Welcome', (n), 'to Amity')
```



15. Quotient



The screenshot shows a JupyterLab interface with a console window titled "Console 120/A". The console displays the following text:

```
Python 3.11.4 | packaged by Anaconda, Inc. | (main, Jul 5 2023, 13:38:37) [MSC v.1916 64 bit (AMD64)]
Type "copyright", "credits" or "license" for more information.

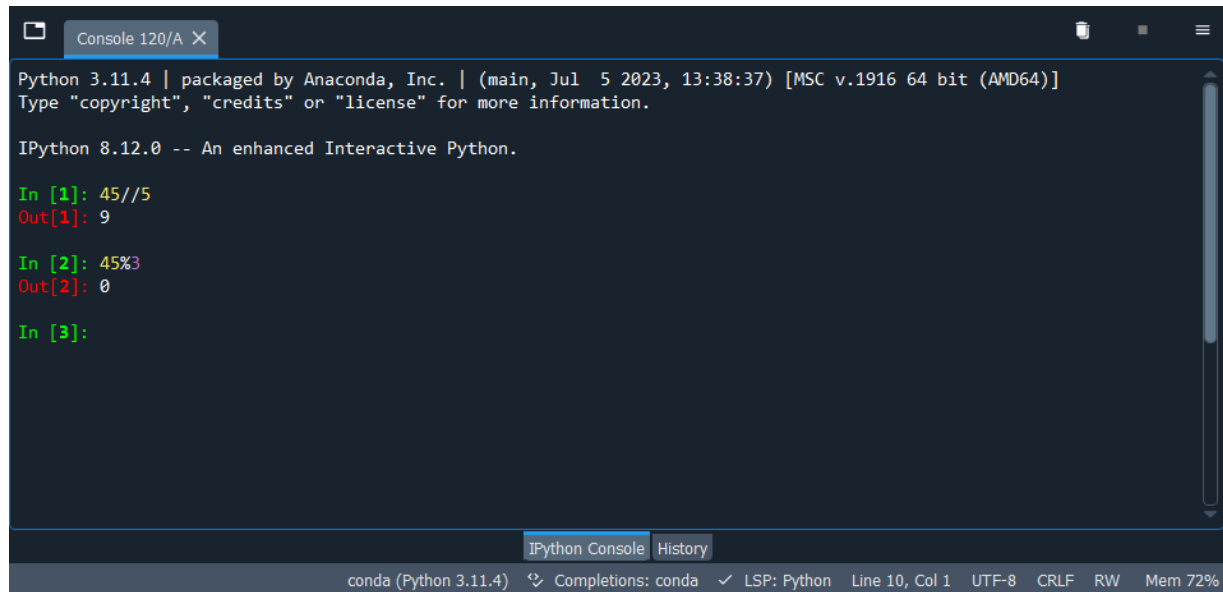
IPython 8.12.0 -- An enhanced Interactive Python.

In [1]: 45//5
Out[1]: 9

In [2]: |
```

Below the console window, there is a status bar showing "conda (Python 3.11.4)" and "Completions: conda". The bottom of the screen shows a Windows taskbar with various application icons and a system clock indicating 11:51 PM on 9/30/2023.

16. Remainder



```
Python 3.11.4 | packaged by Anaconda, Inc. | (main, Jul 5 2023, 13:38:37) [MSC v.1916 64 bit (AMD64)]
Type "copyright", "credits" or "license()" for more information.

IPython 8.12.0 -- An enhanced Interactive Python.

In [1]: 45//5
Out[1]: 9

In [2]: 45%3
Out[2]: 0

In [3]:
```

The screenshot shows a Jupyter Notebook console window titled "Console 120/A". The window displays the Python 3.11.4 environment, packaged by Anaconda, Inc. The IPython 8.12.0 prompt is visible. The user has entered three lines of code: `45//5`, `45%3`, and an empty prompt. The outputs are `9` and `0` respectively. The status bar at the bottom indicates the environment is "conda (Python 3.11.4)" and shows various settings like "Completions: conda", "LSP: Python", "Line 10, Col 1", "UTF-8", "CRLF", "RW", and "Mem 72%".