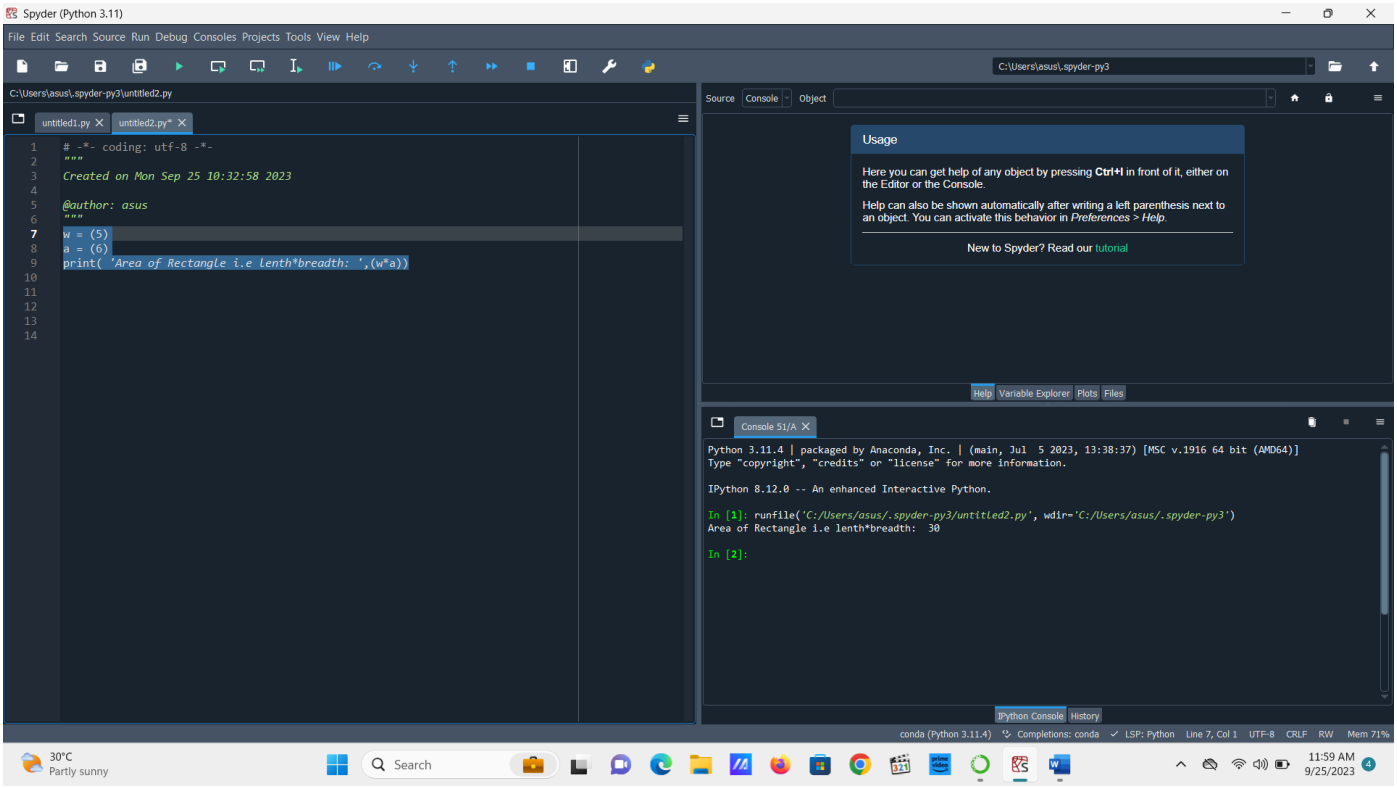
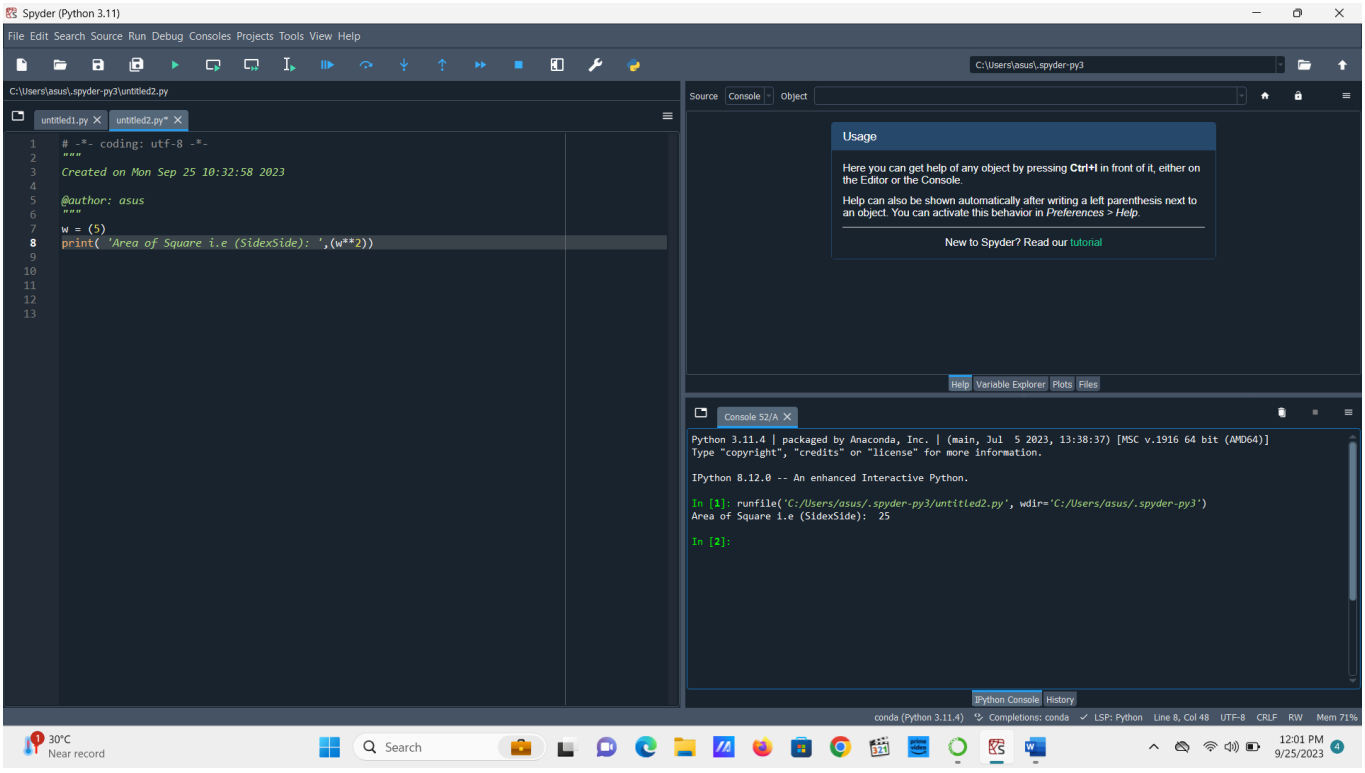
1. Area of Rectangle

```
w = (5)
a = (6)
print( 'Area of Rectangle i.e lenth*breadth: ',(w*a))
```



2. Area of Square

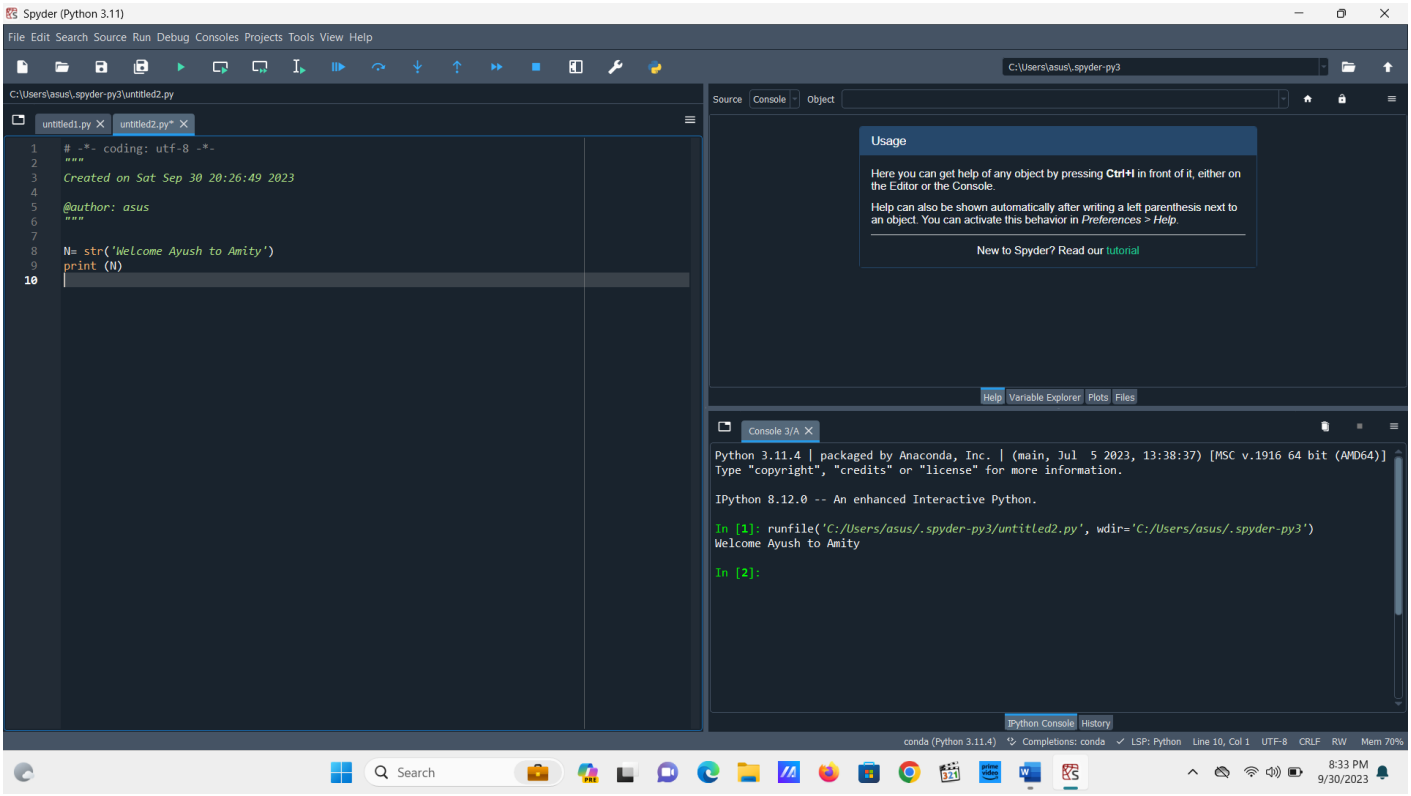
```
w = (5)
print( 'Area of Square i.e (SidexSide): ',(w**2))
```



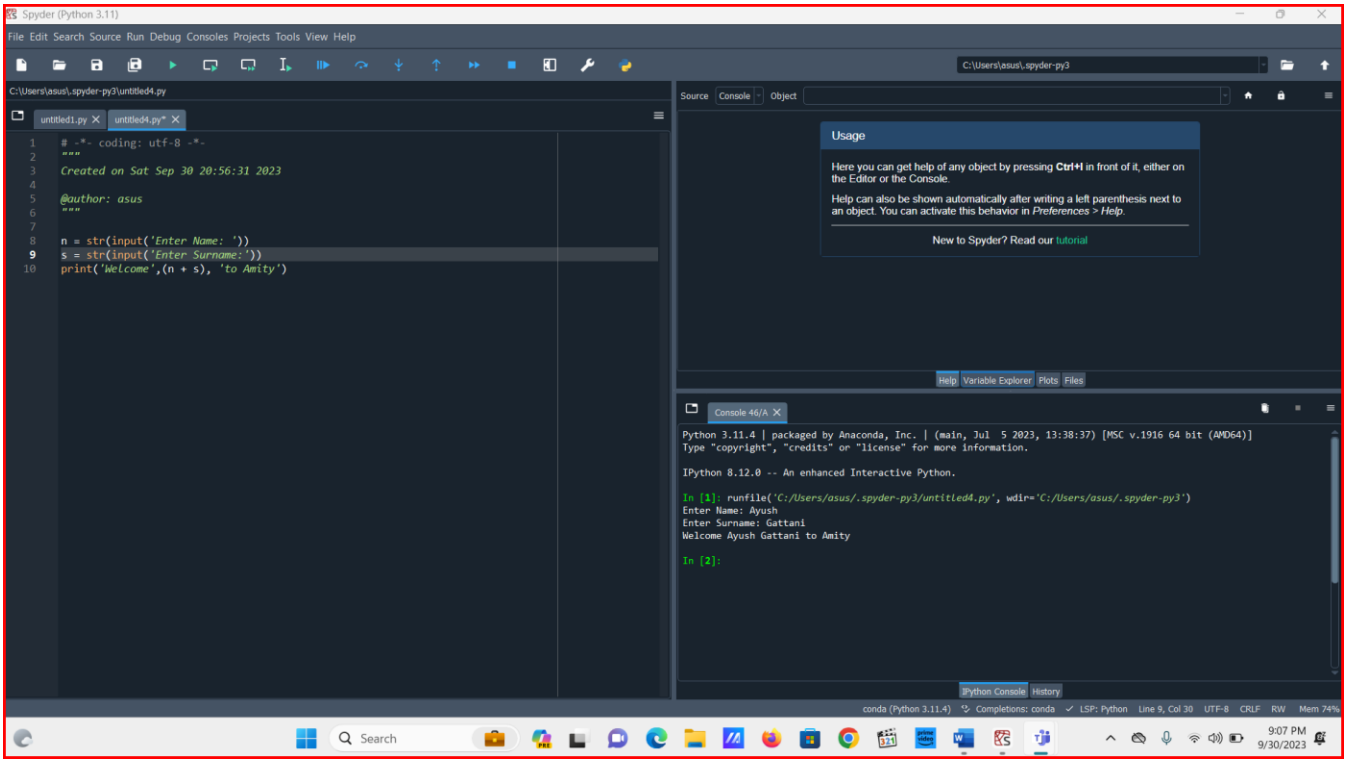
3. Welcome to Amity (String)

N= str('Welcome Ayush to Amity')

print (N)

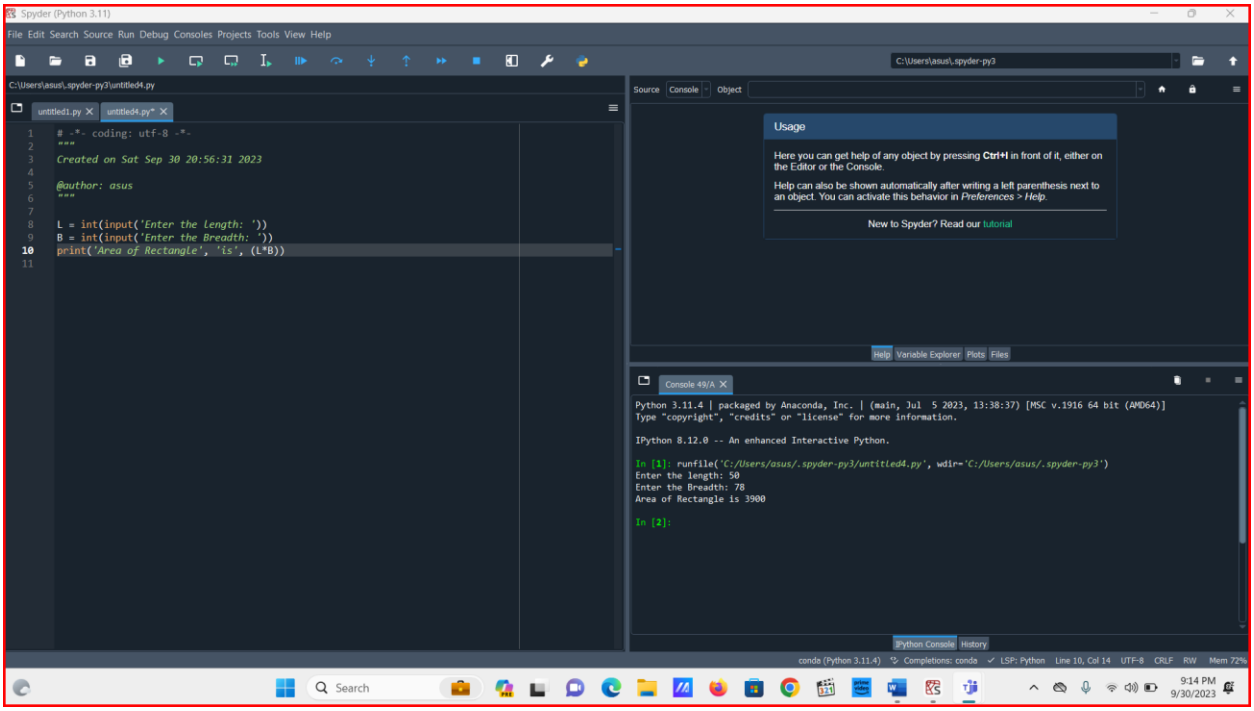


4. Welcome By String and User Input



5. Area of Rectangle by User Input

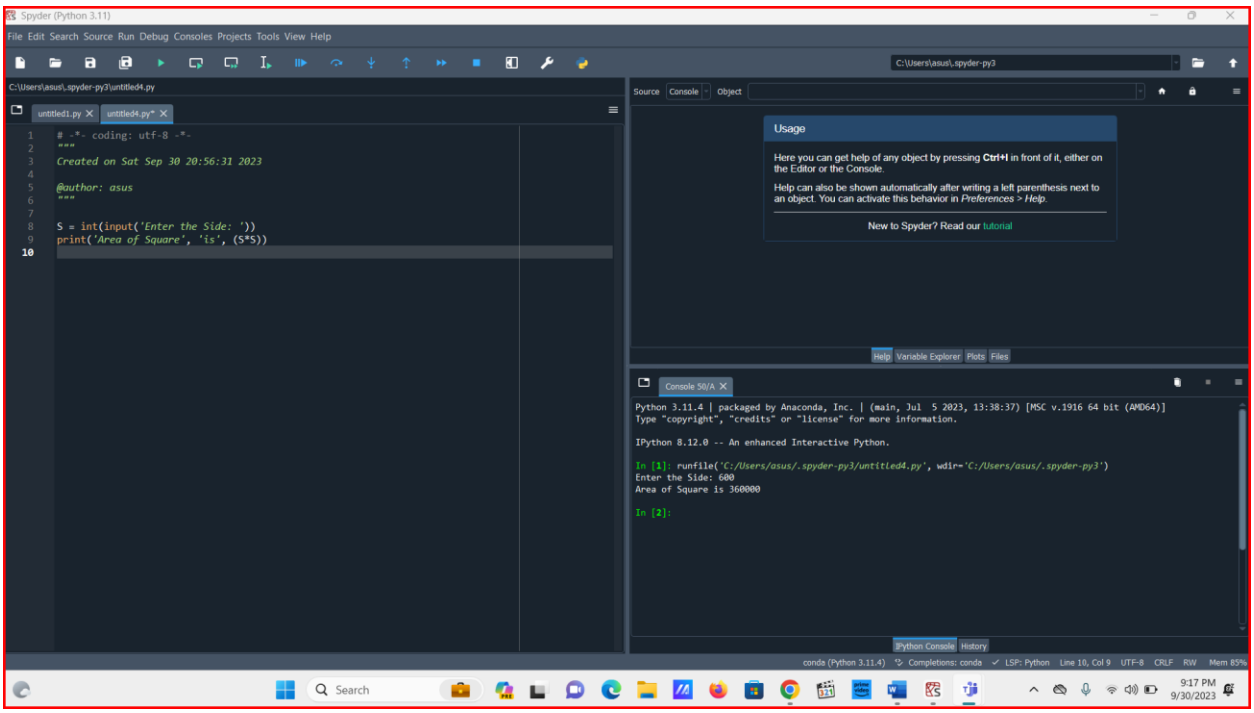
```
L = int(input('Enter the length: '))
B = int(input('Enter the Breadth: '))
print('Area of Rectangle', 'is', (L*B))
```



6. Area of square by User Input

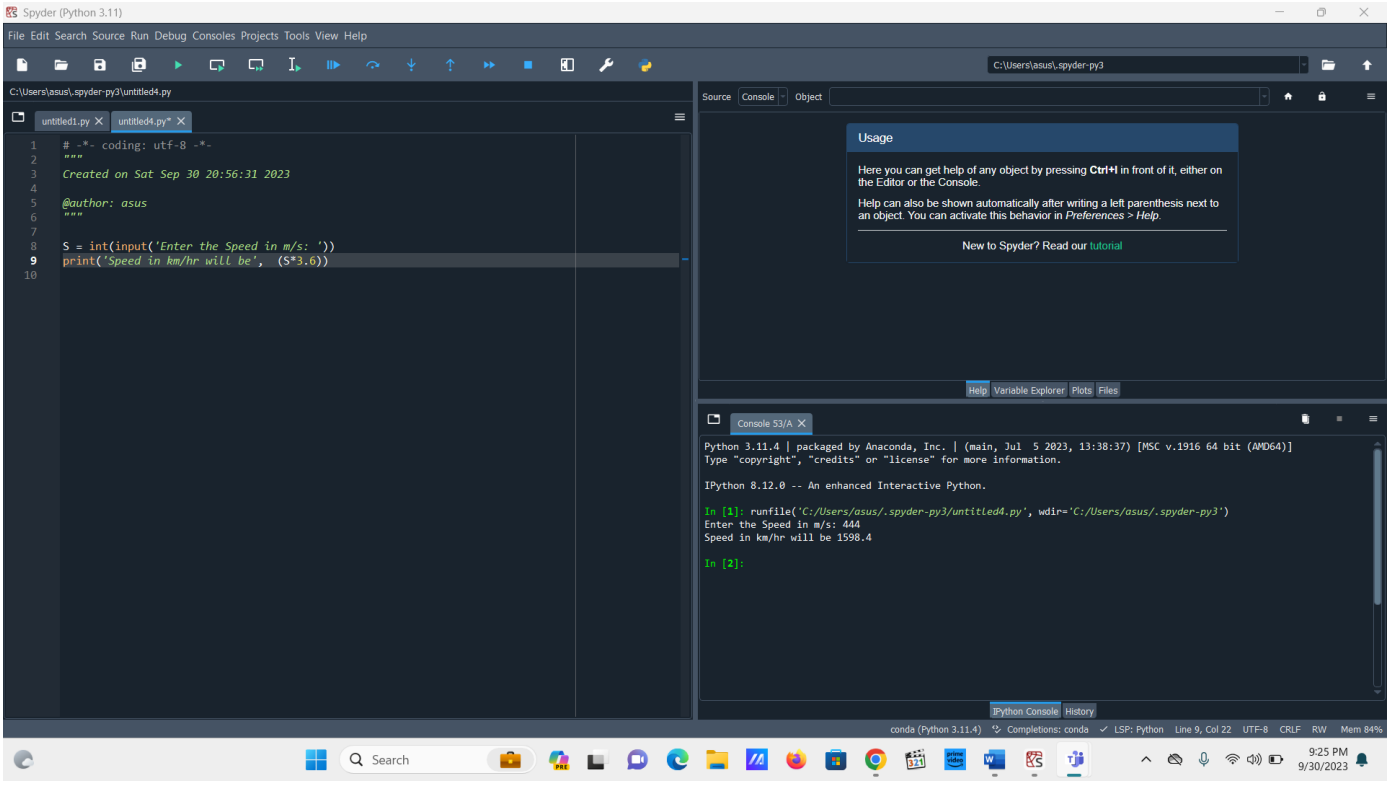
S = int(input('Enter the Side: '))

print('Area of Square', 'is', (S*S))



7. Conversion of m/s to km/hr

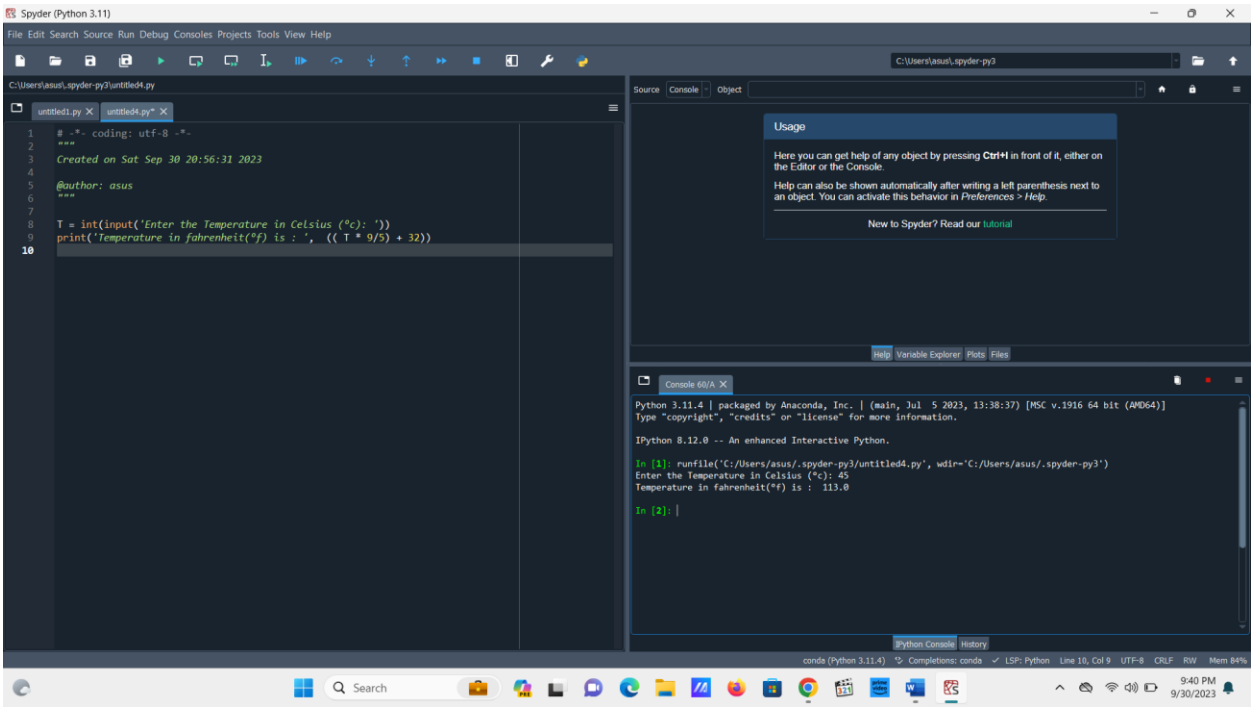
```
S = int(input('Enter the Speed in m/s: '))
print('Speed in km/hr will be',  (S*3.6))
```



8. Temperature Conversion

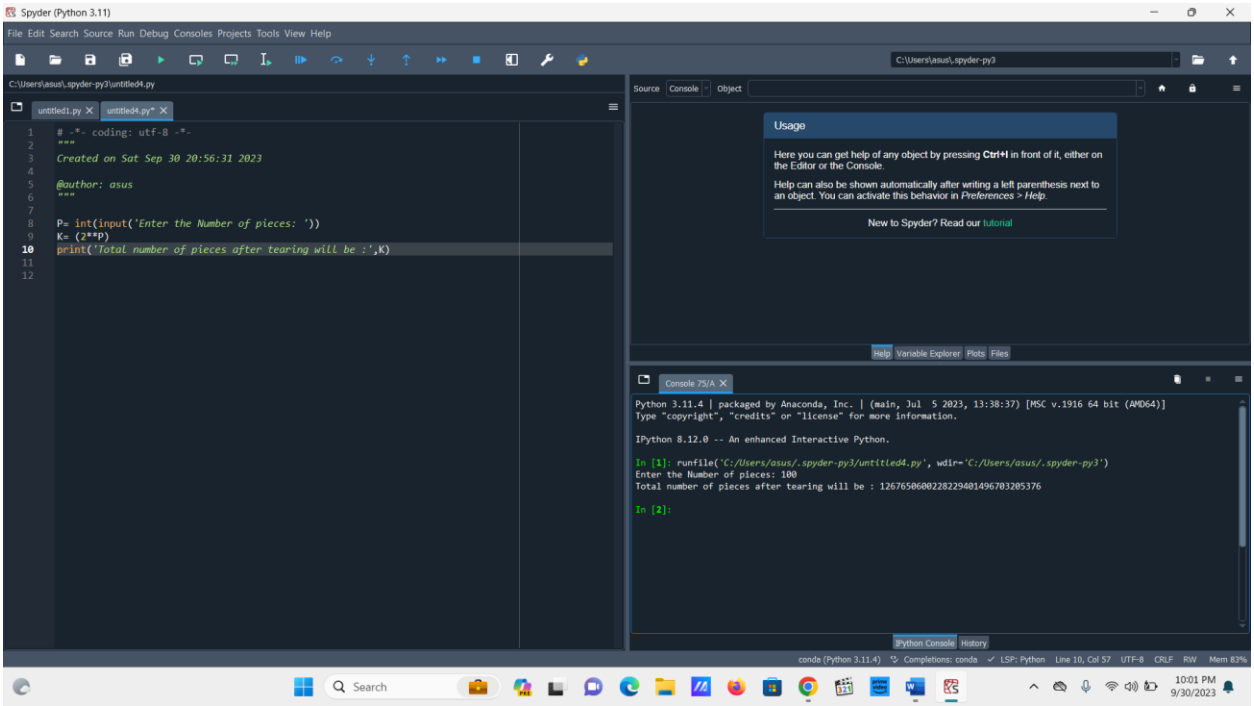
T = int(input('Enter the Temperature in Celsius (°c): '))

print('Temperature in fahrenheit(°f) is : ', ((T * 9/5) + 32))



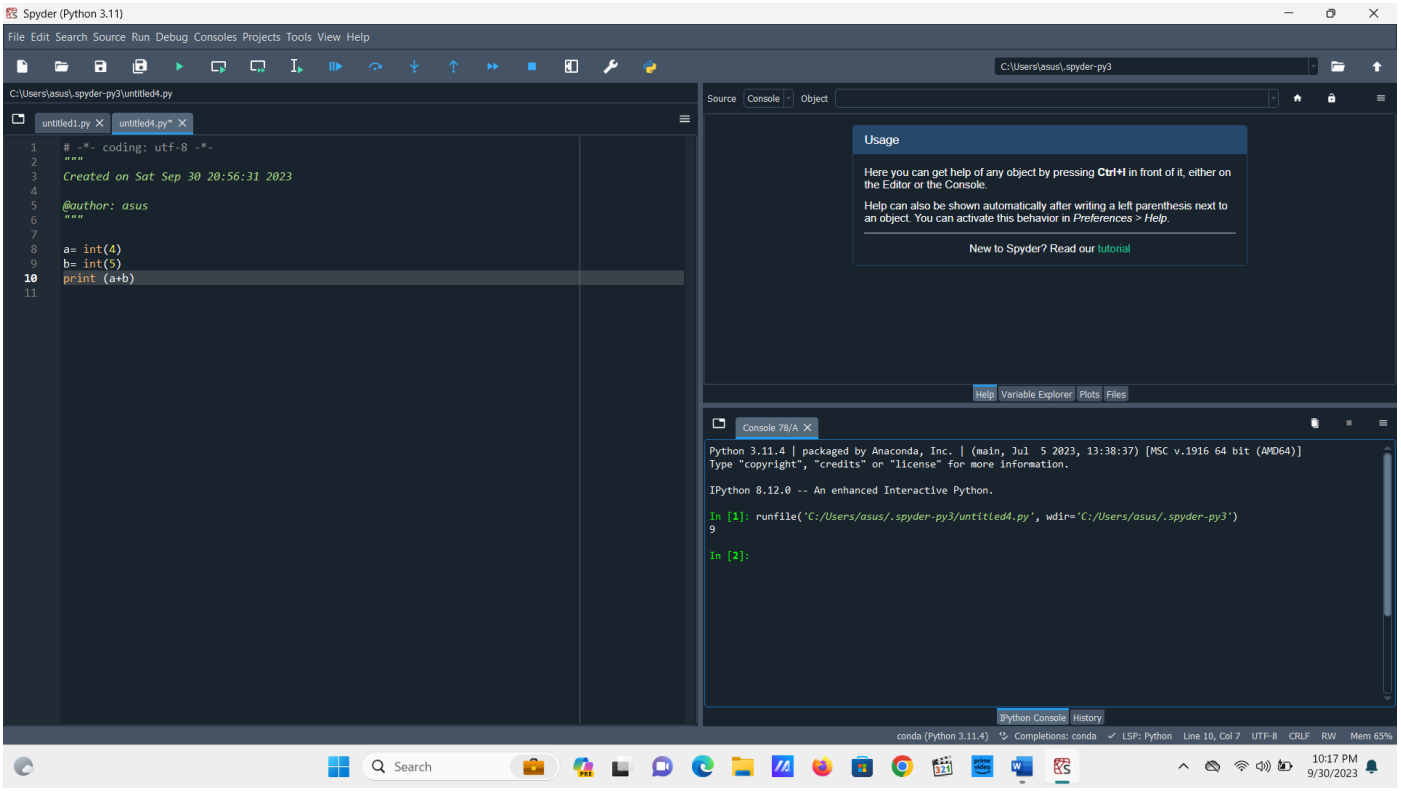
9. Pieces of Paper

```
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)
```

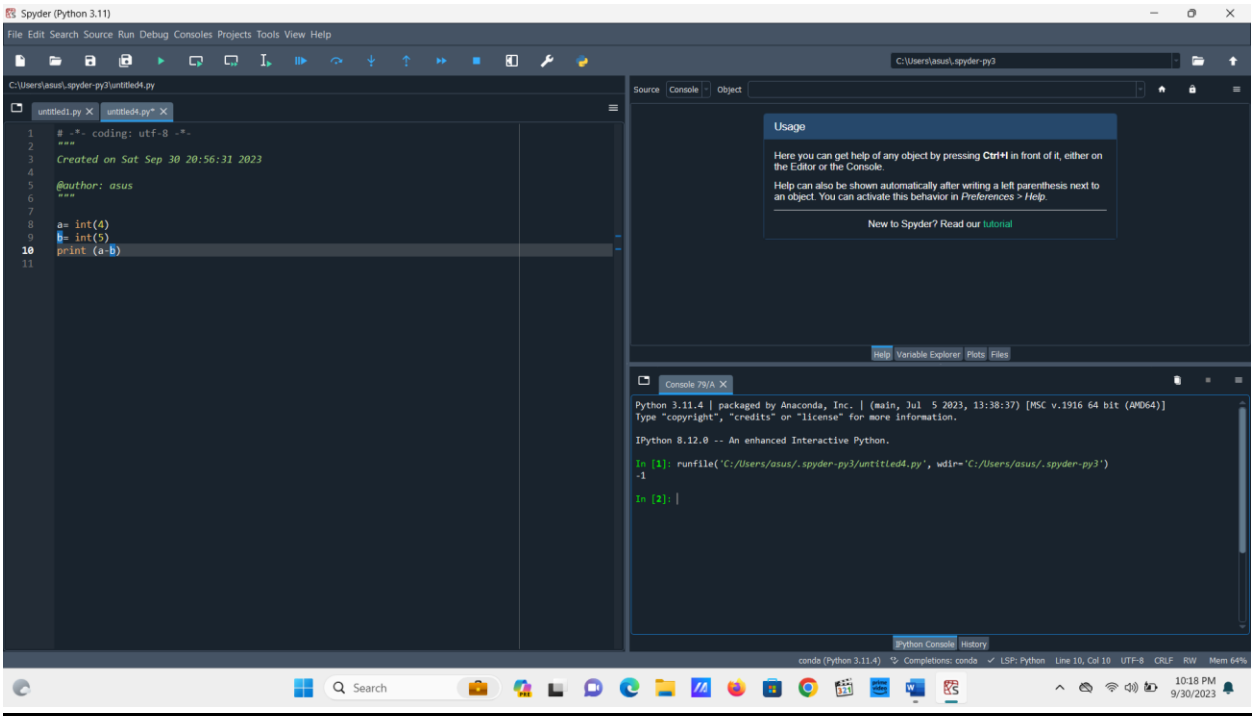


11. Subtraction

a= int(4)

b= int(5)

print (a-b)

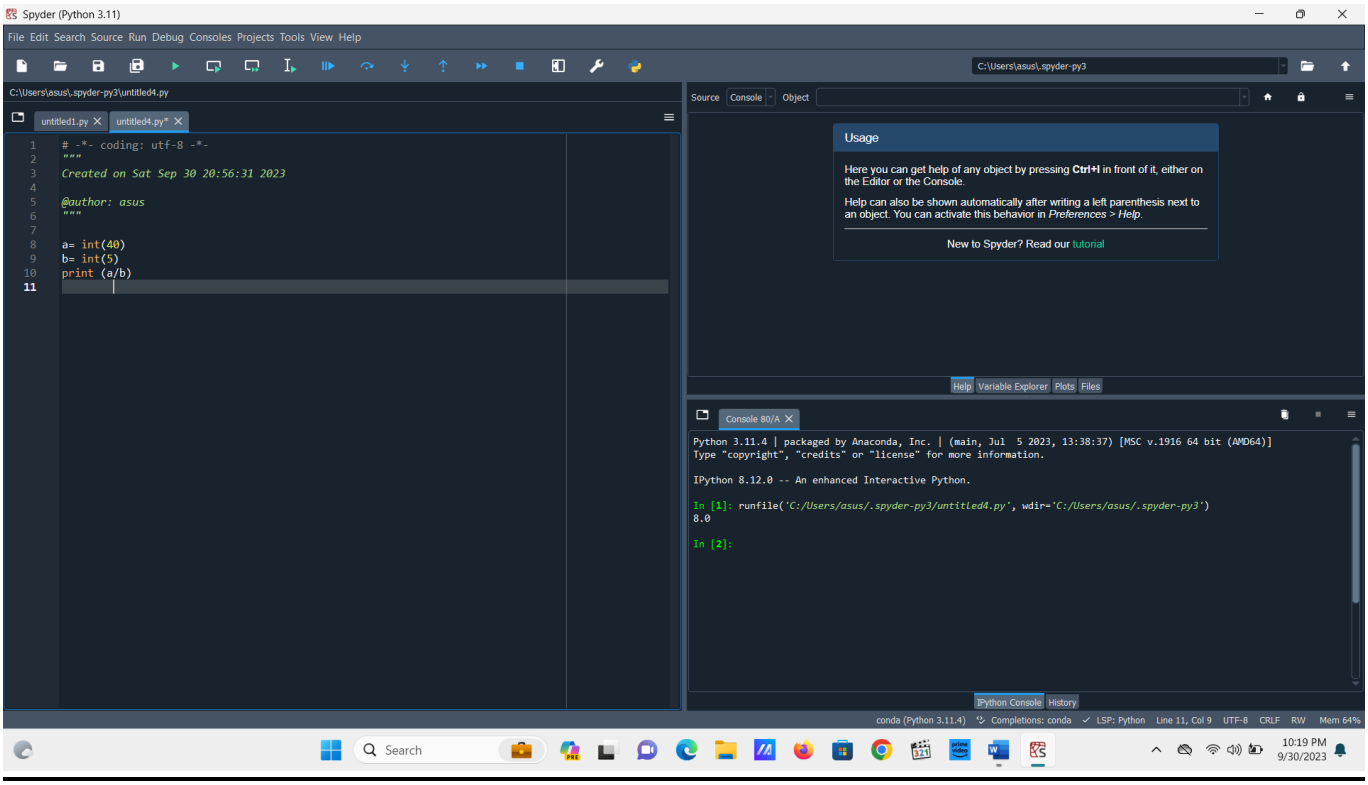


12. Division

a= int(40)

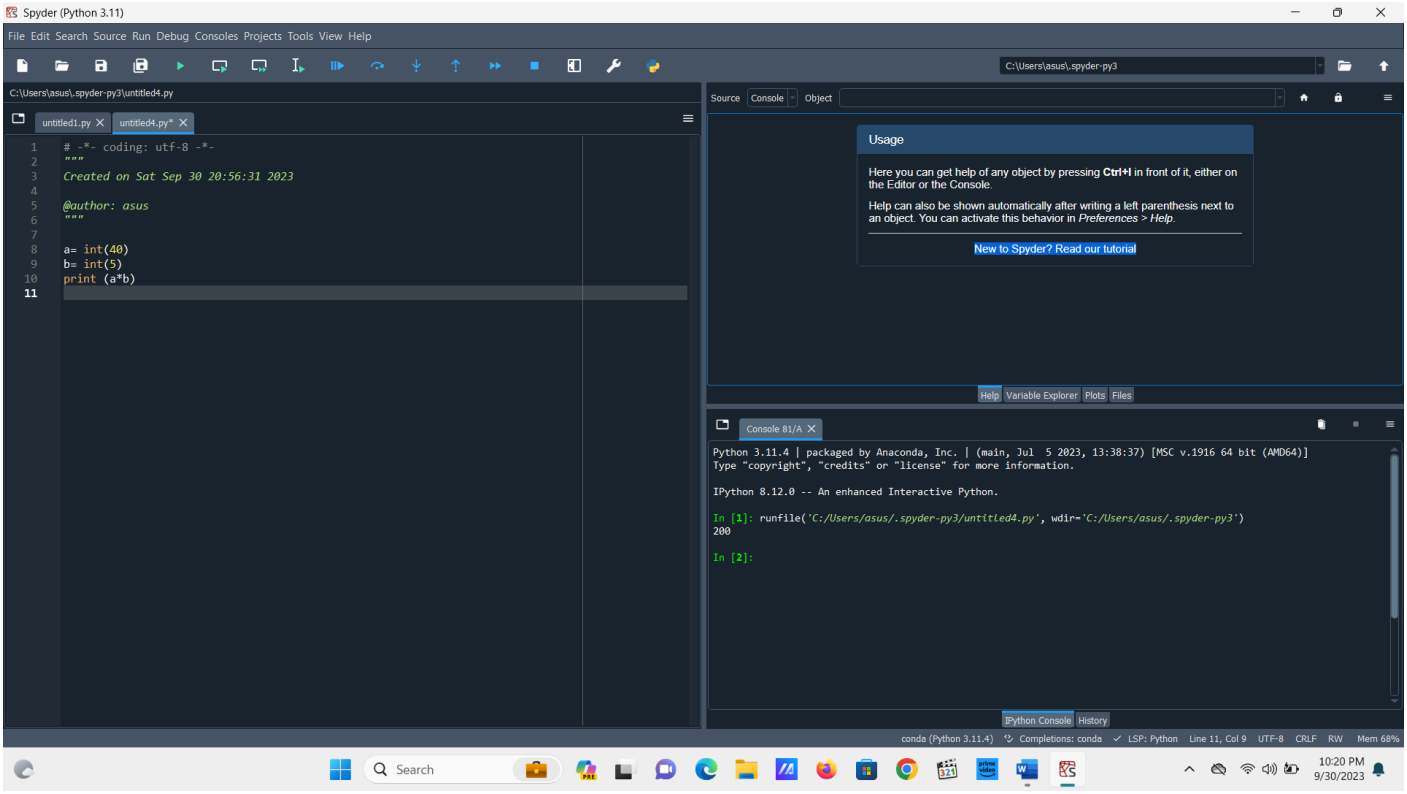
b= int(5)

print (a/b)



13. Multiplication

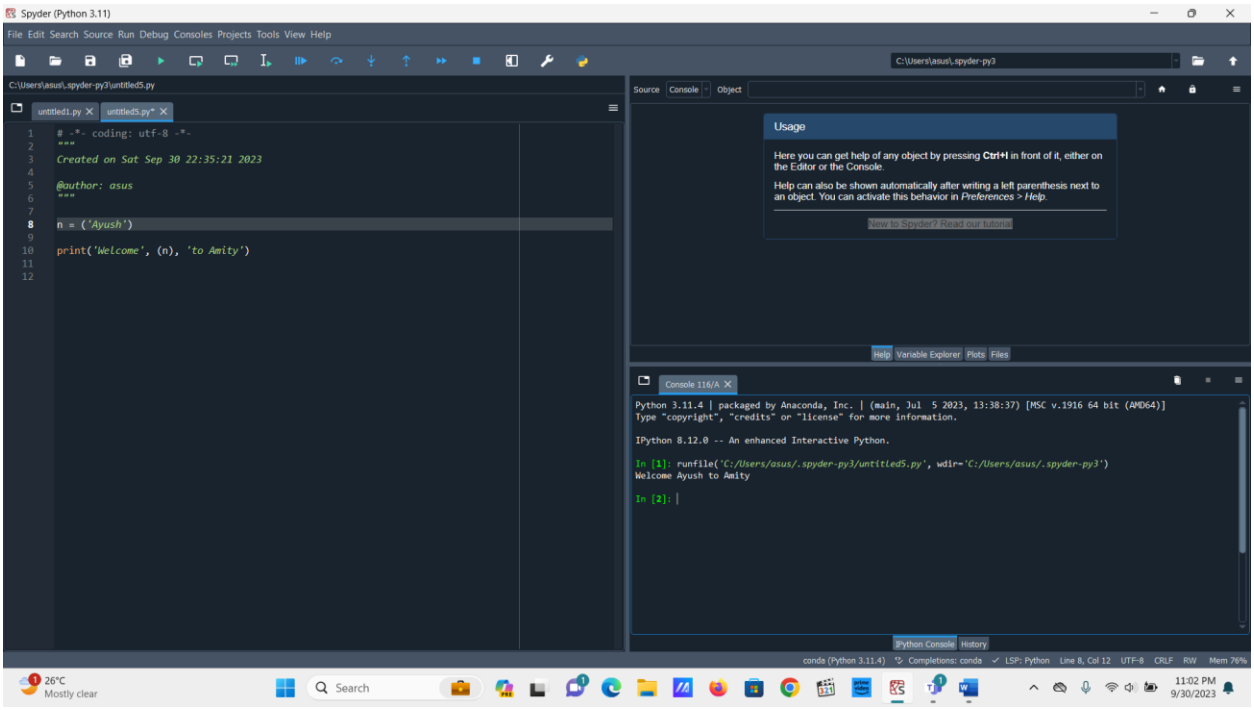
```
a= int(40)
b= int(5)
print (a*b)
```



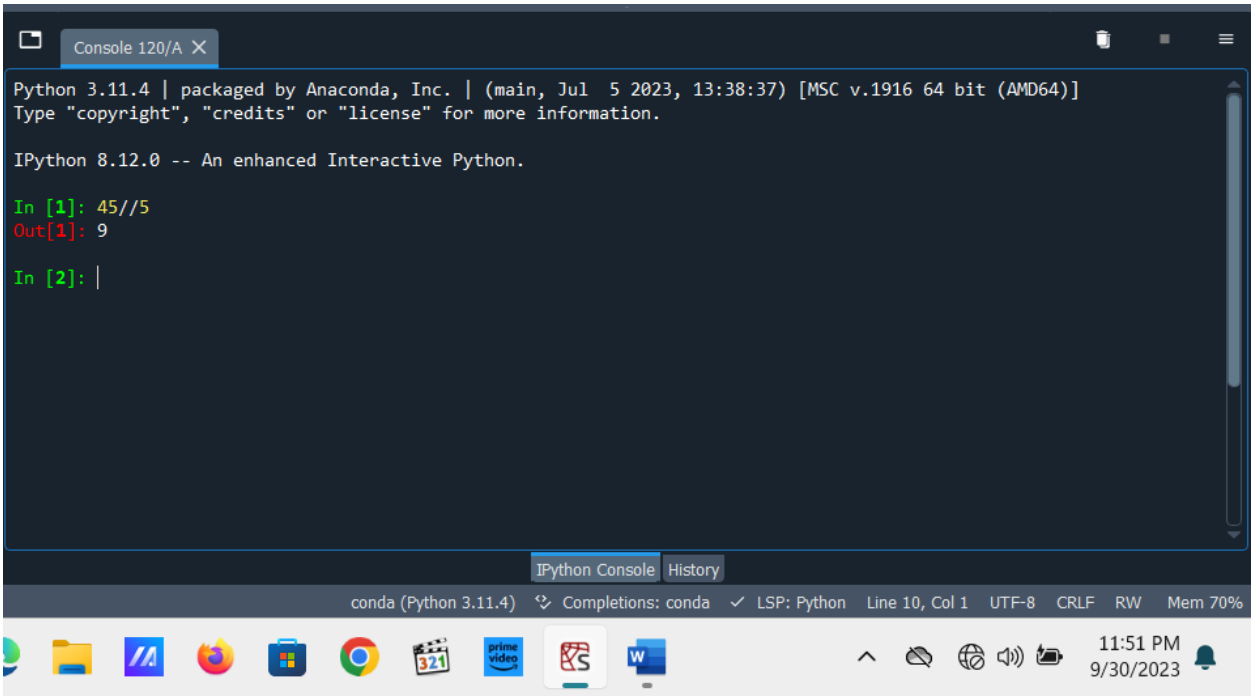
14. Name

```
n = ('Ayush')

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



15. Quotient


Console 120/A
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]:
IPython Console
History
conda (Python 3.11.4)
Completions: conda
LSP: Python
Line 10, Col 1
UTF-8
CRLF
RW
Mem 70%
11:51 PM
9/30/2023

16. Remainder