

EXECUTE THE PROGRAMS DISCUSSED ON DAY 3



C:\Users\ELCOT\Desktop\app1\app.py

```

1  from flask import Flask, render_template, request
2  app=Flask(__name__)
3  @app.route('/')
4  def home():
5      return render_template('index.html')
6  @app.route('/login', methods = ["POST"])
7  def login():
8      if request.method == "POST" :
9          user = request.form["nm"]
10         return render_template("index.html",y = user)
11
12
13 if __name__ == ('__main__'):
14     app.run(debug = True)
15

```

Source Console Object

### Usage

Here you can get help of any object by pressing **Ctrl+I** in front of it, either on the Editor or the Console.

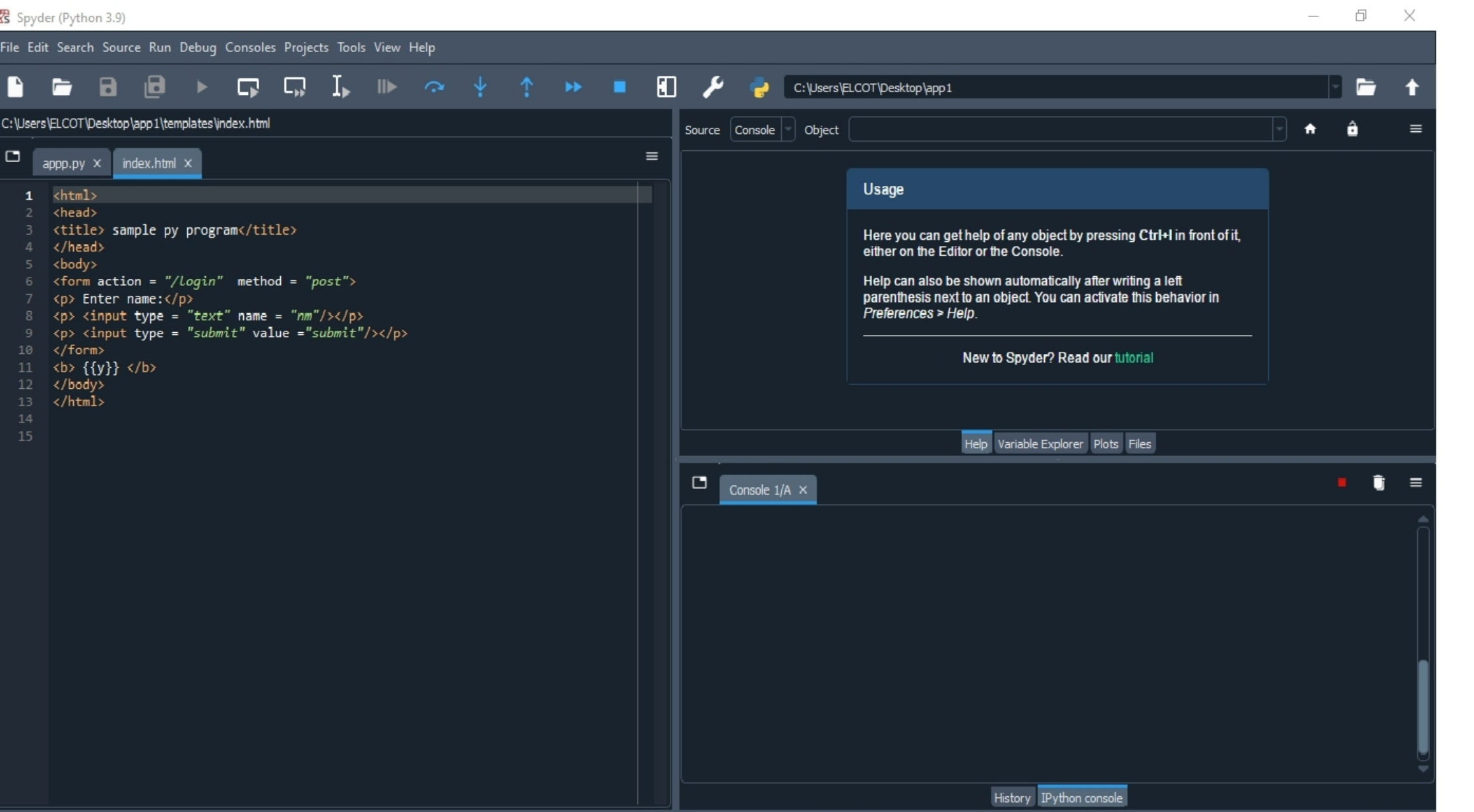
Help can also be shown automatically after writing a left parenthesis next to an object. You can activate this behavior in **Preferences > Help**.

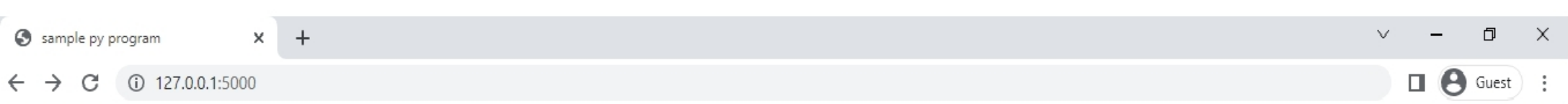
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Help Variable Explorer Plots Files

Console 1/A

History IPython console





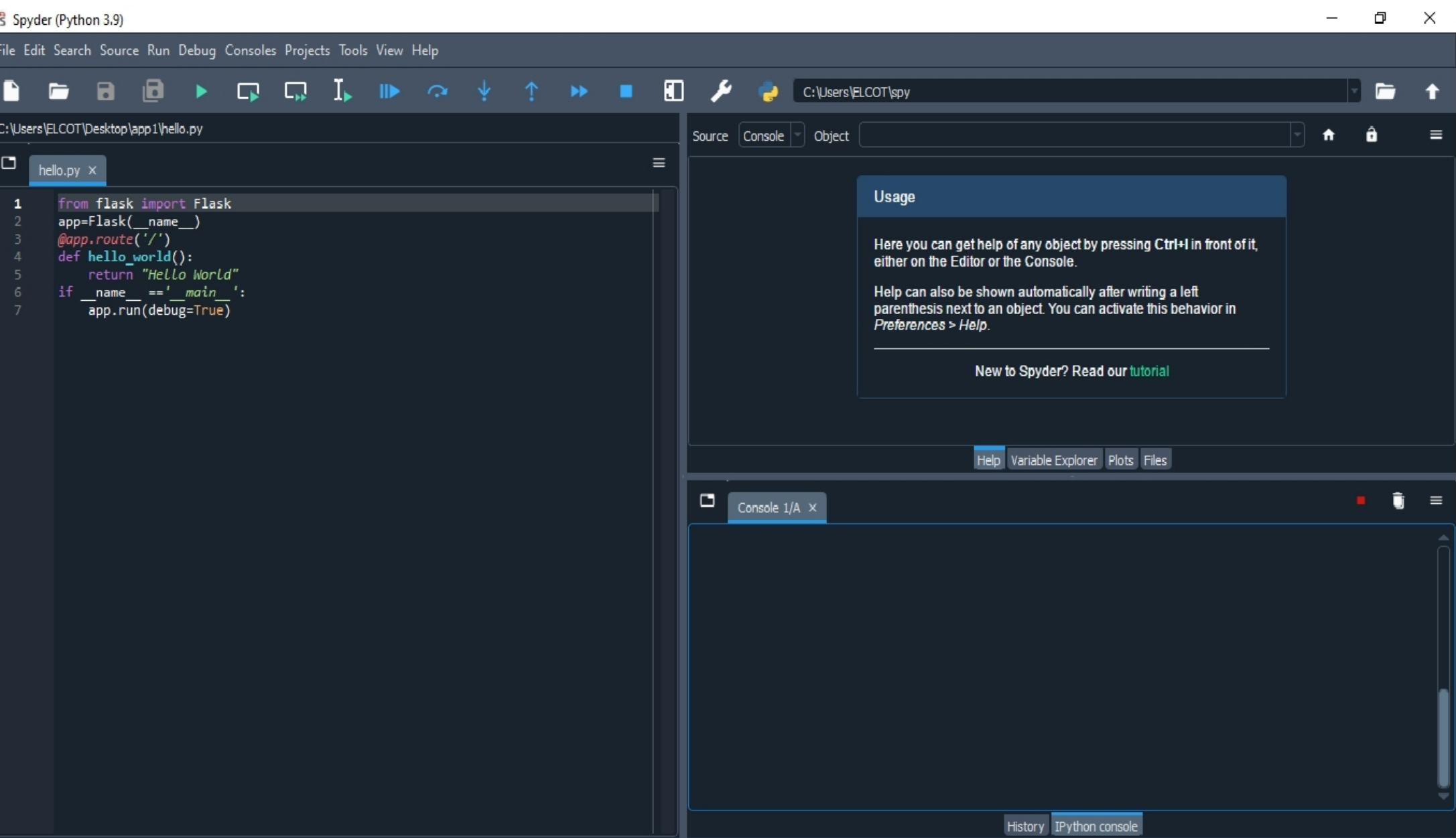
Enter name:



Enter name:

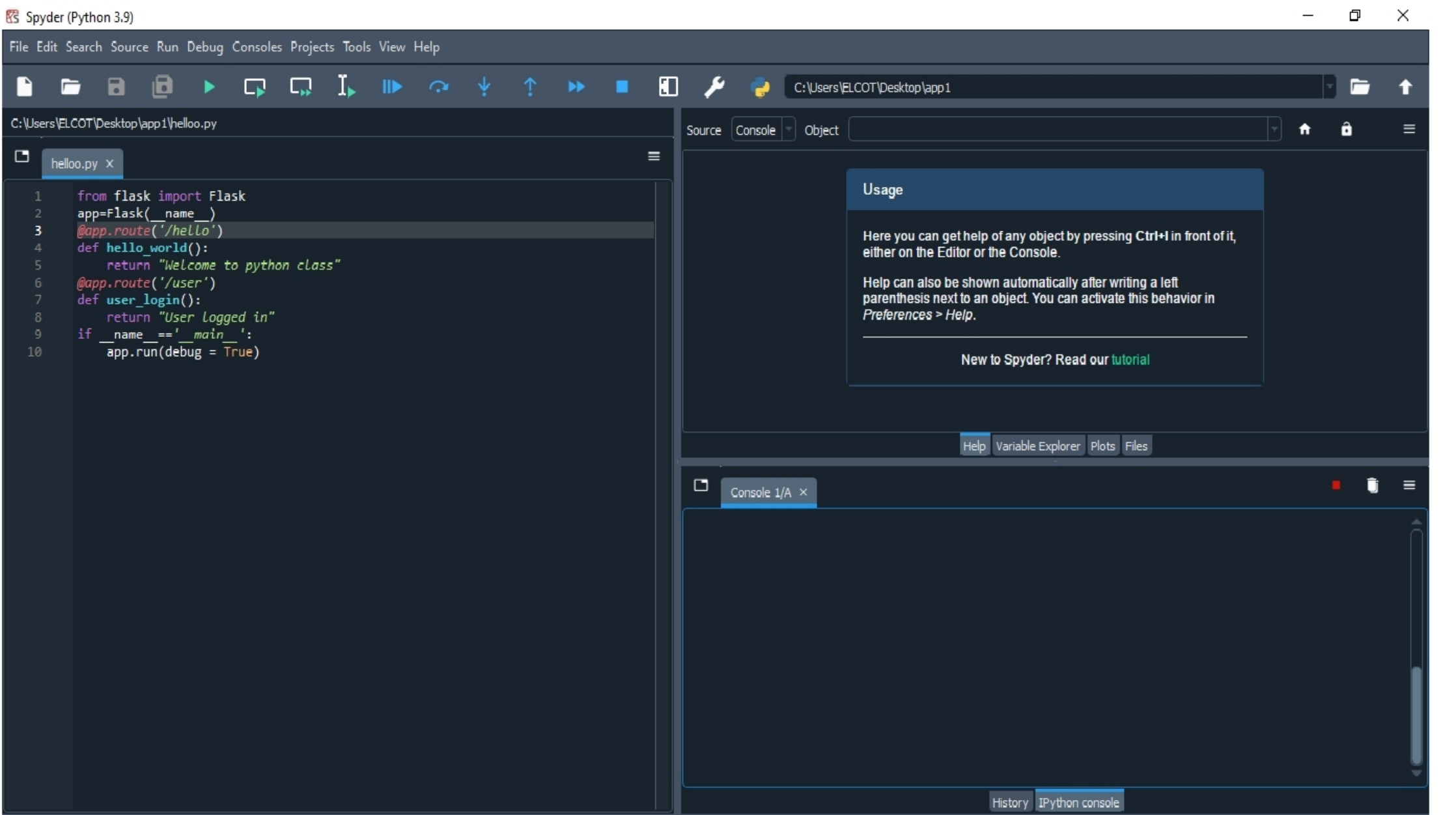
submit

**Kawsika**

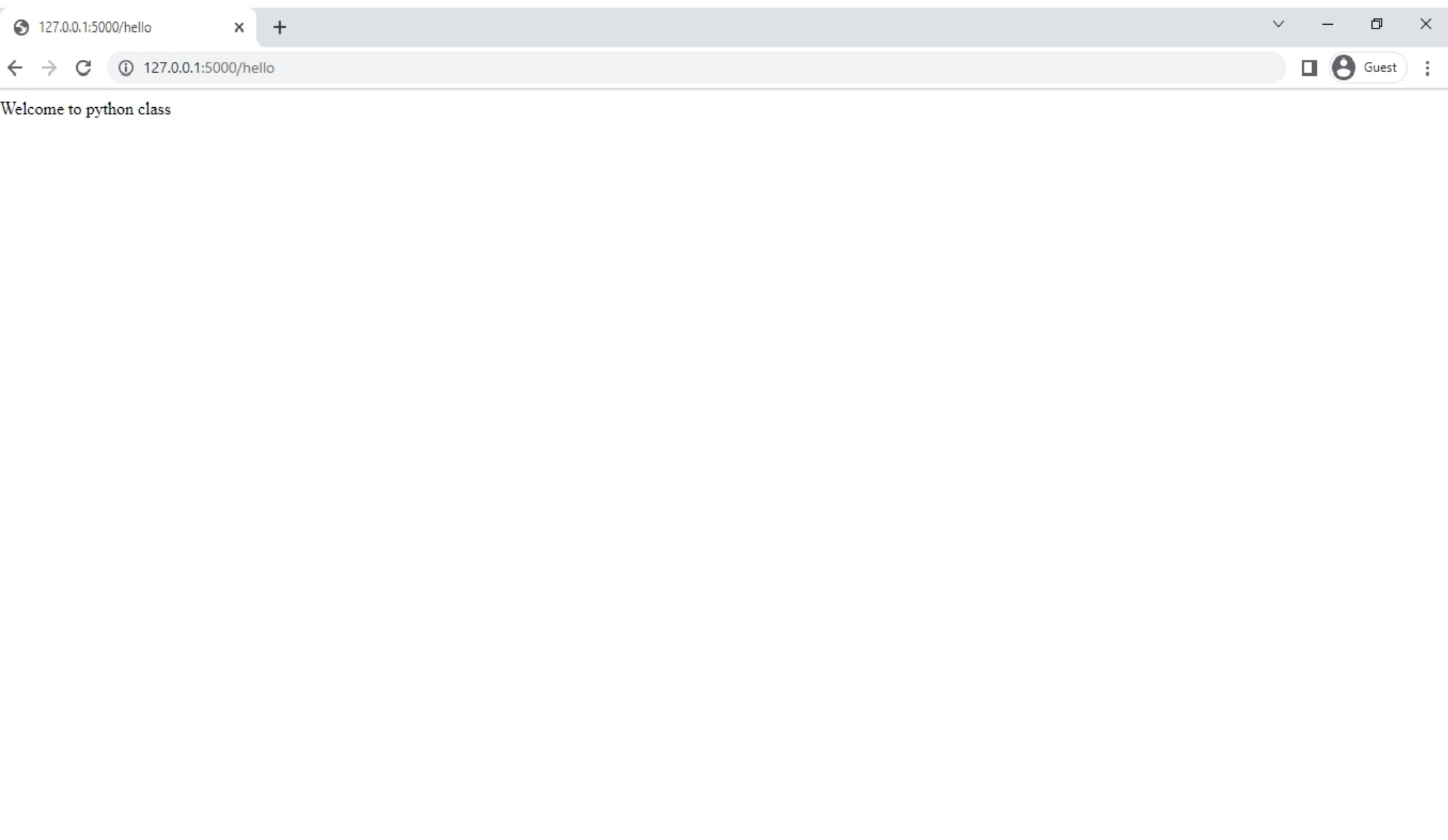




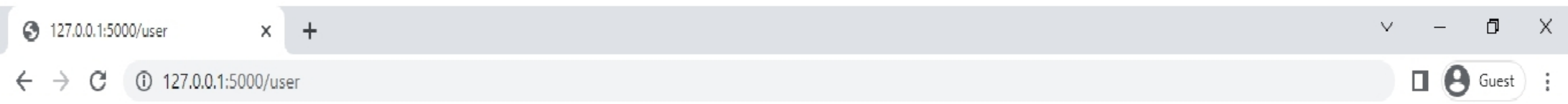
Hello World







Welcome to python class



User logged in

PRACTICE THE PROGRAMS DISCUSSED IN SPYDER|



C:\Users\KAWSIKA\OneDrive\Documents\Python\factorial.py

temp.py x factorial.py x

```
1 def fact(n):
2     if n == 0:
3         return 1
4     else:
5         return n * fact(n - 1)
6
7 n = int(input('Enter a number: '))
8 print(fact(n))
```

C:\Users\KAWSIKA\OneDrive\Documents\Python

Source Console Object

## Usage

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Help can also be shown automatically after writing a left parenthesis next to an object. You can activate this behavior in *Preferences > Help*.

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Help Variable Explorer Plots Files

Console 3/A x

Python 3.8.10 (tags/v3.8.10:3d8993a, May 3 2021, 11:48:03) [MSC v.1928 64 bit (AMD64)]  
Type "copyright", "credits" or "license" for more information.

IPython 7.34.0 -- An enhanced Interactive Python.

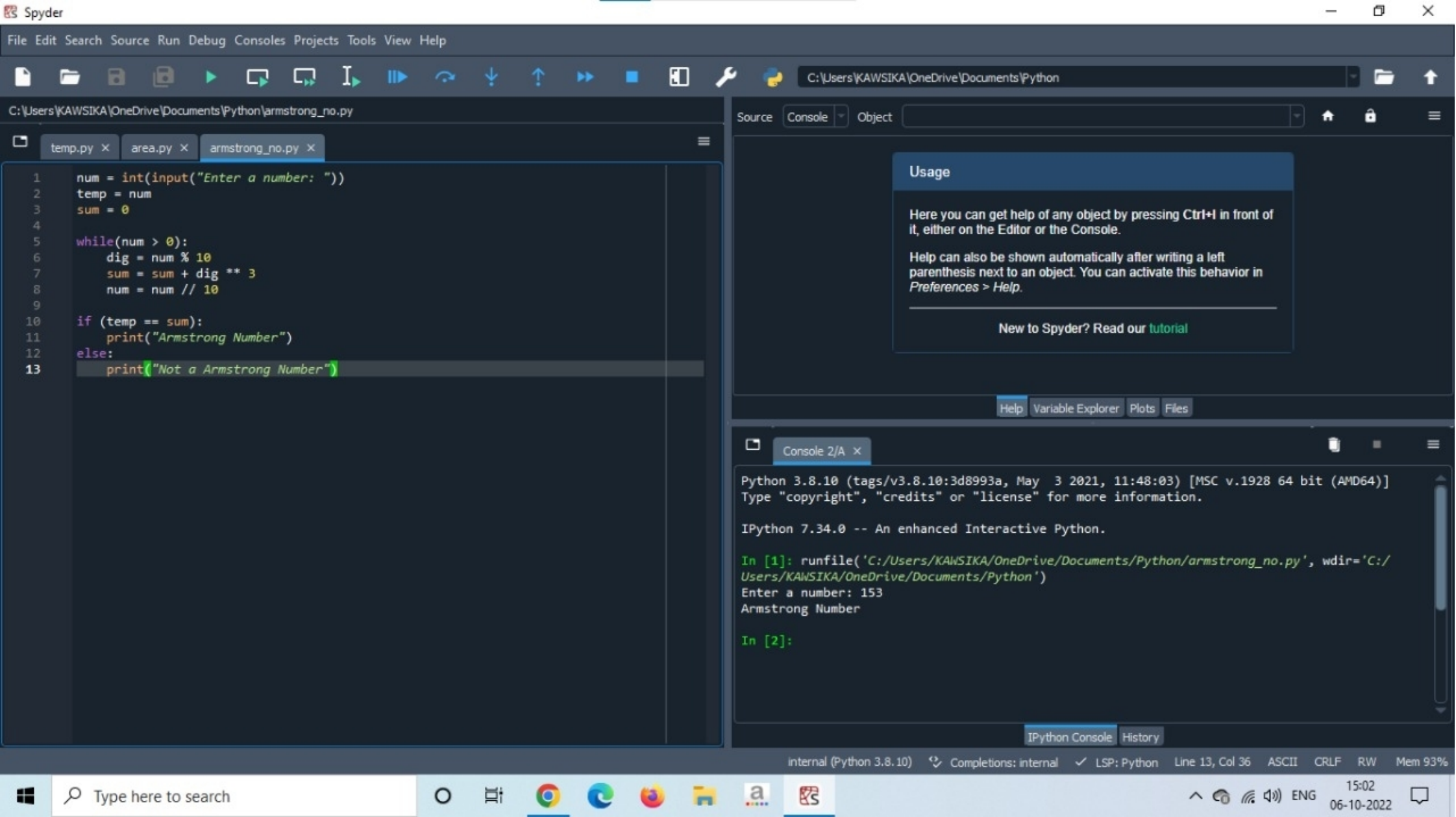
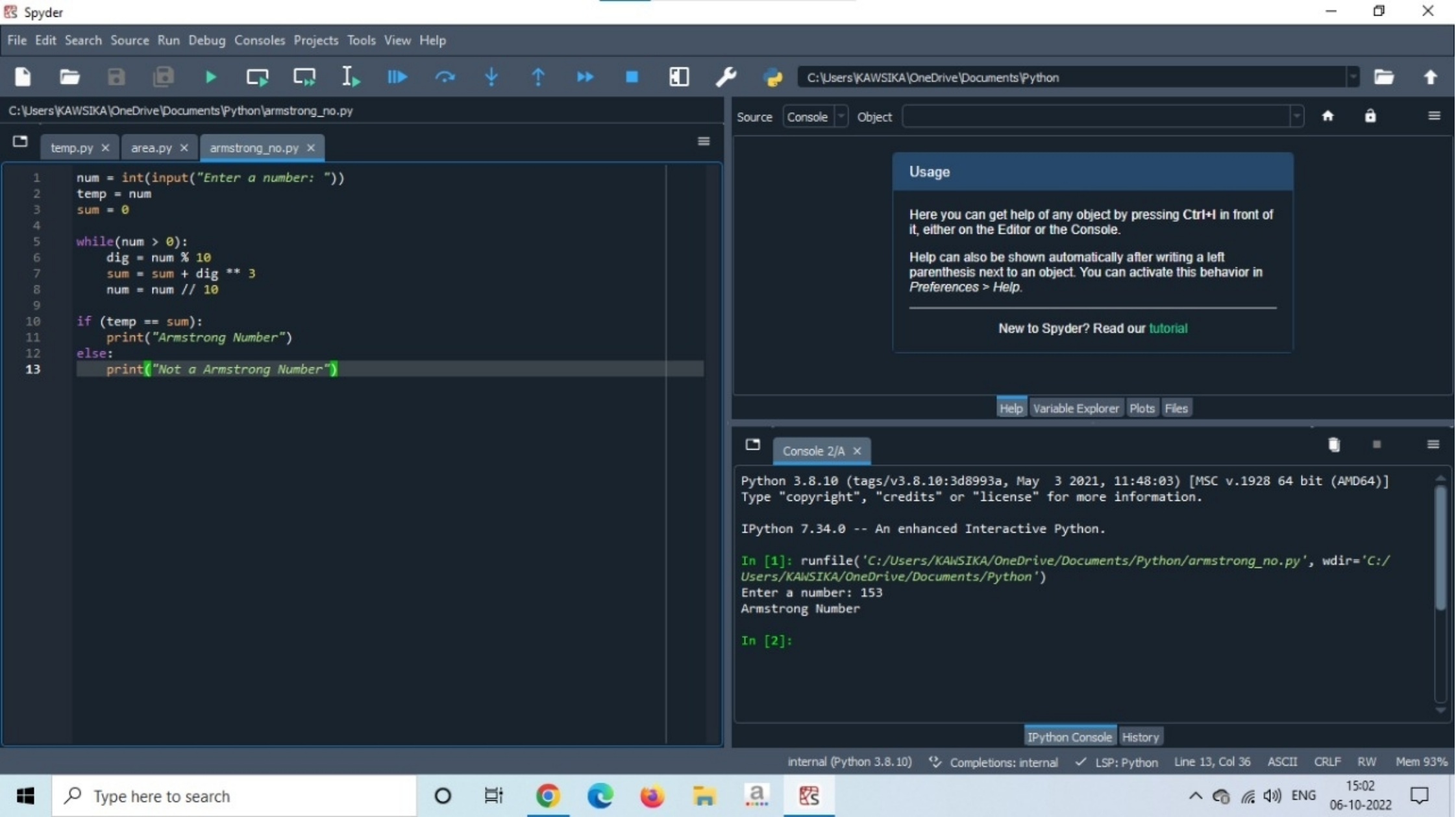
In [1]: runfile('C:/Users/KAWSIKA/OneDrive/Documents/Python/factorial.py', wdir='C:/Users/KAWSIKA/OneDrive/Documents/Python')

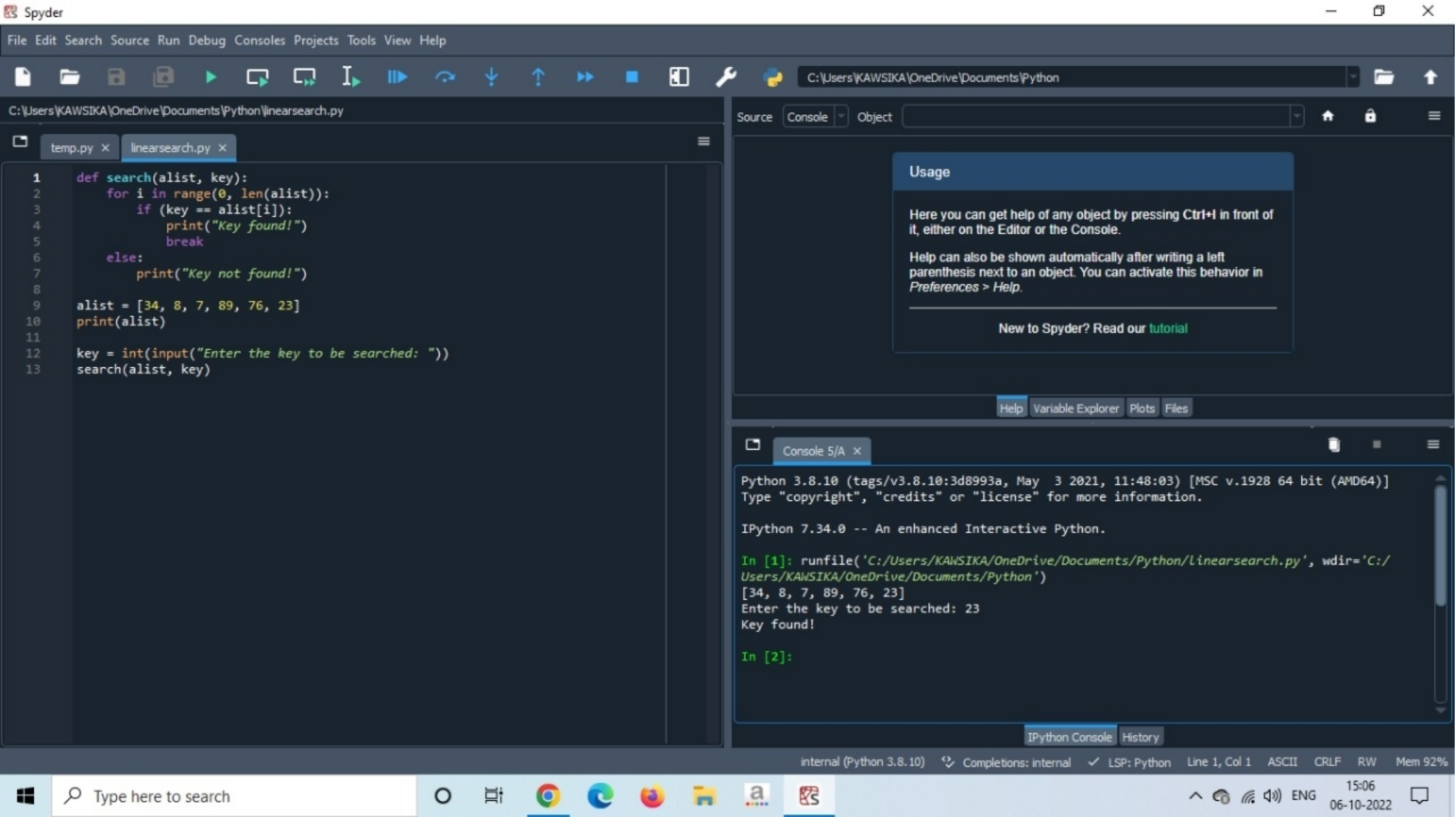
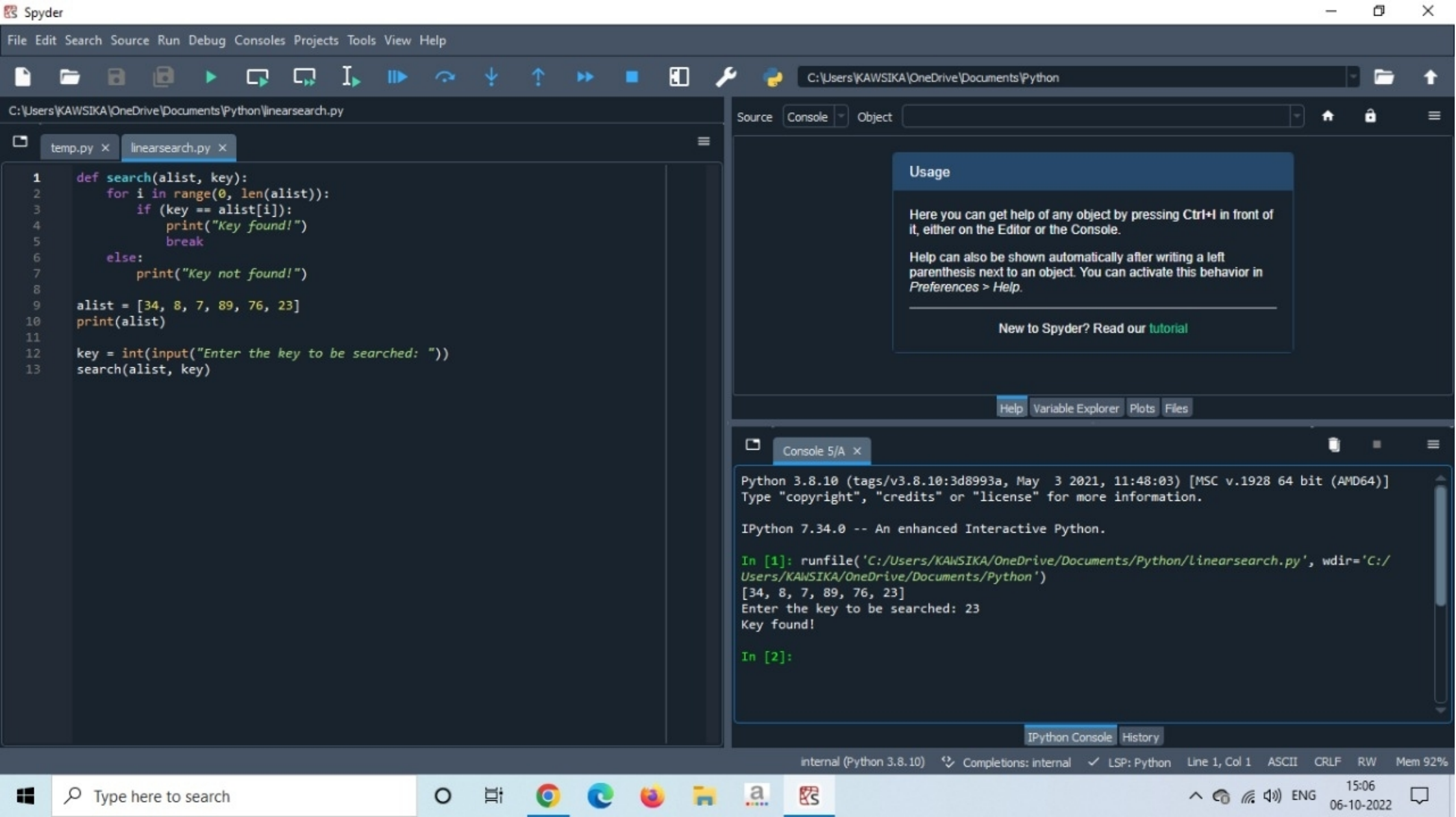
Enter a number: 5  
120

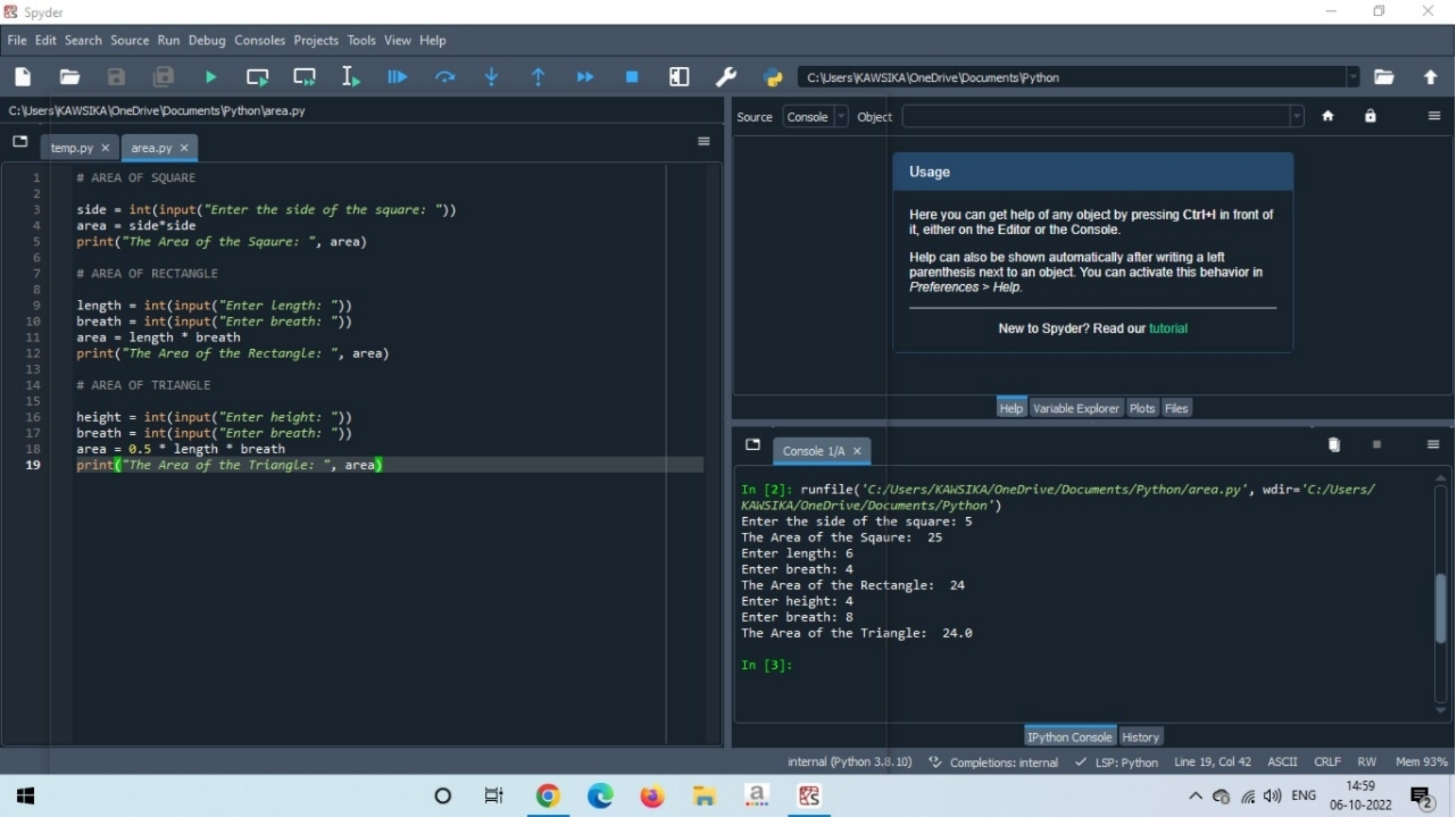
In [2]: |

IPython Console History

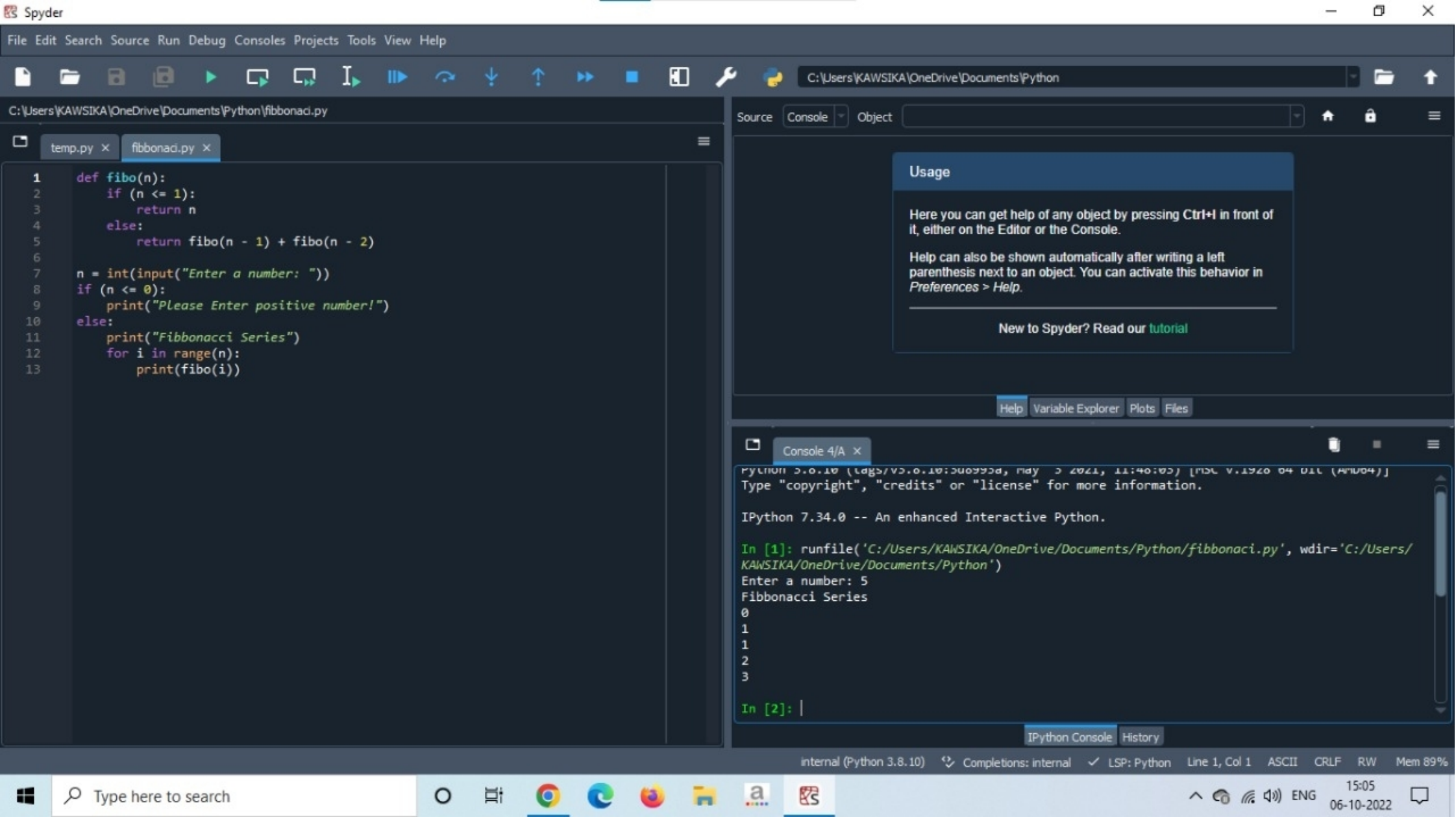
internal (Python 3.8.10) Completions: internal LSP: Python Line 1, Col 1 ASCII CRLF RW Mem 91%





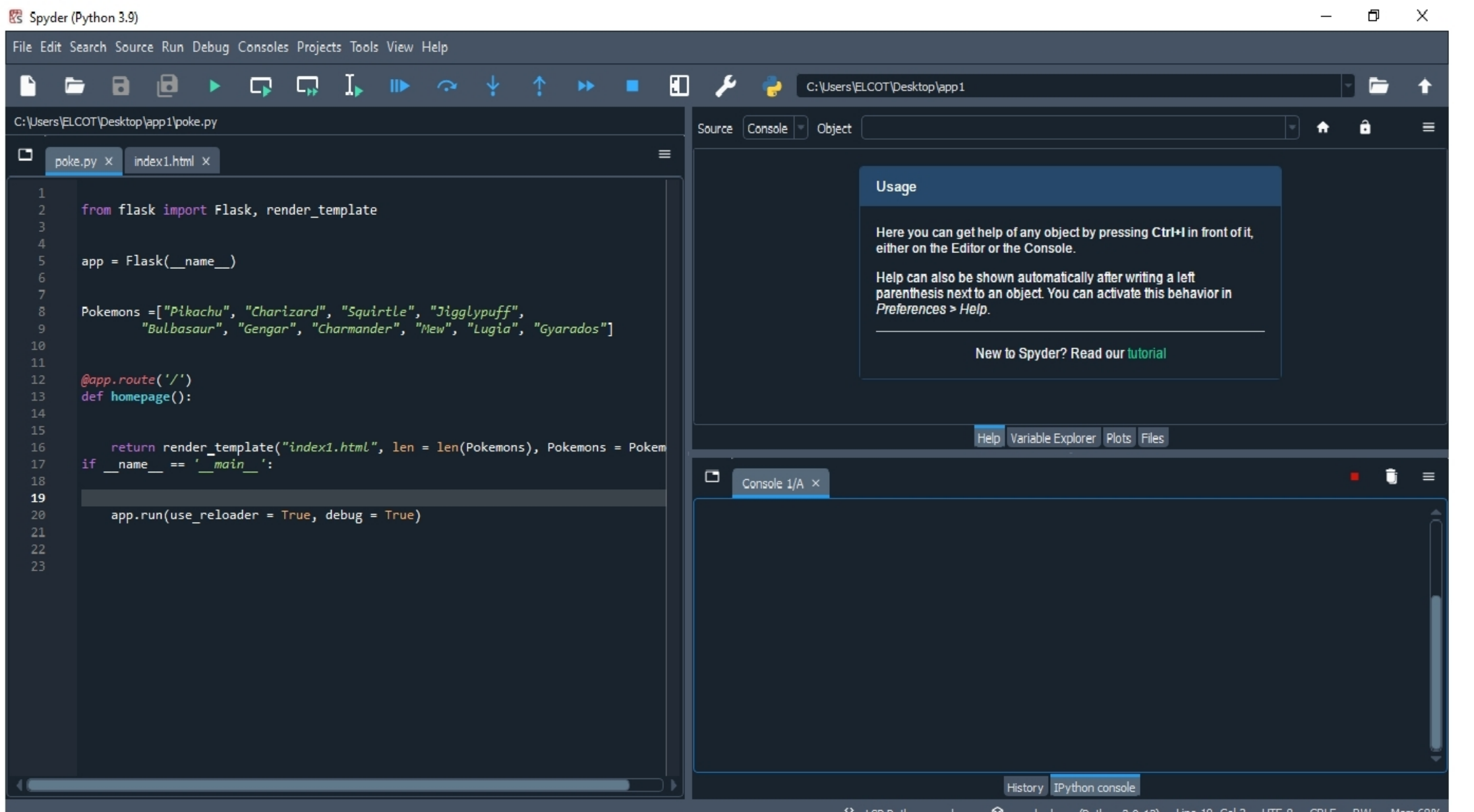








# PRACTICE FLASK SAMPLE PROGRAMS





C:\Users\ELCOT\Desktop\app1\templates\index1.html

poke.py × index1.html\* ×

```
1 <!DOCTYPE html>
2
3 <html>
4 <head>
5   <title>For loop in Flask</title>
6 </head>
7 <body>
8
9 <ol>
10
11 {%for i in range(0, len)%}
12
13   <li>{{Pokemons[i]}}</li>
14 {%endfor%}
15
16 </ol>
17
18 </body>
19 </html>
```

Source Console Object

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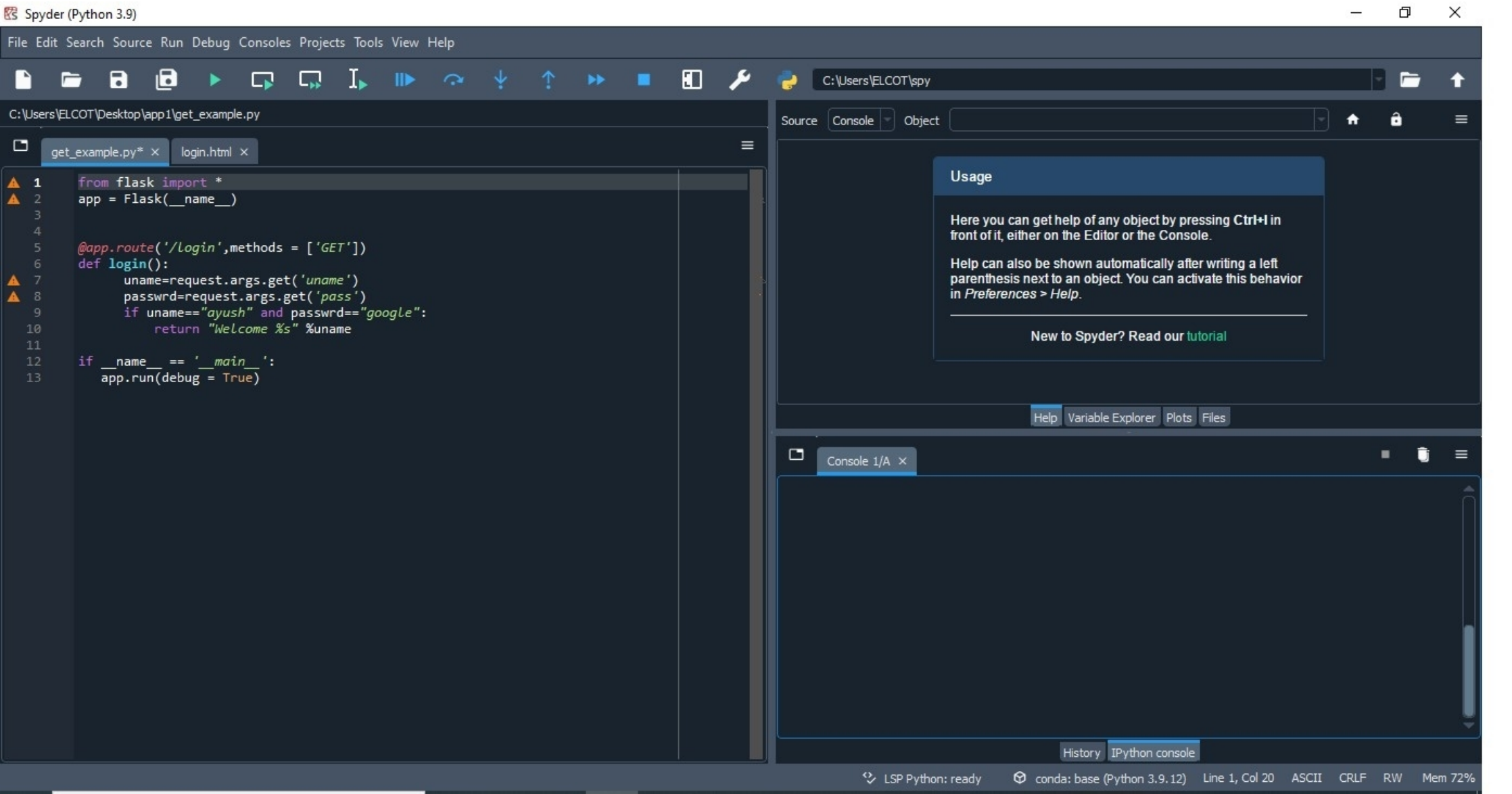
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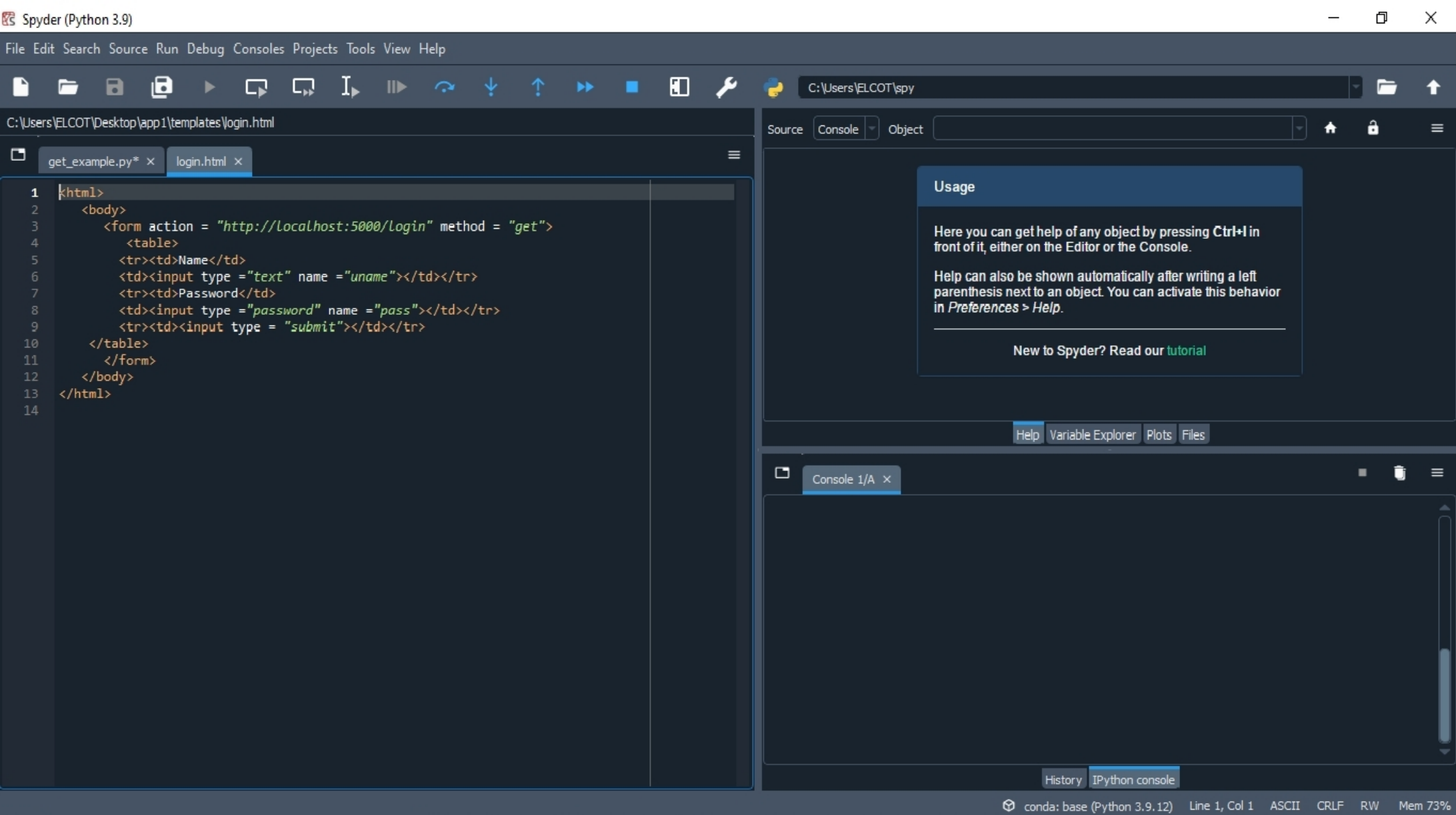
Help Variable Explorer Plots Files

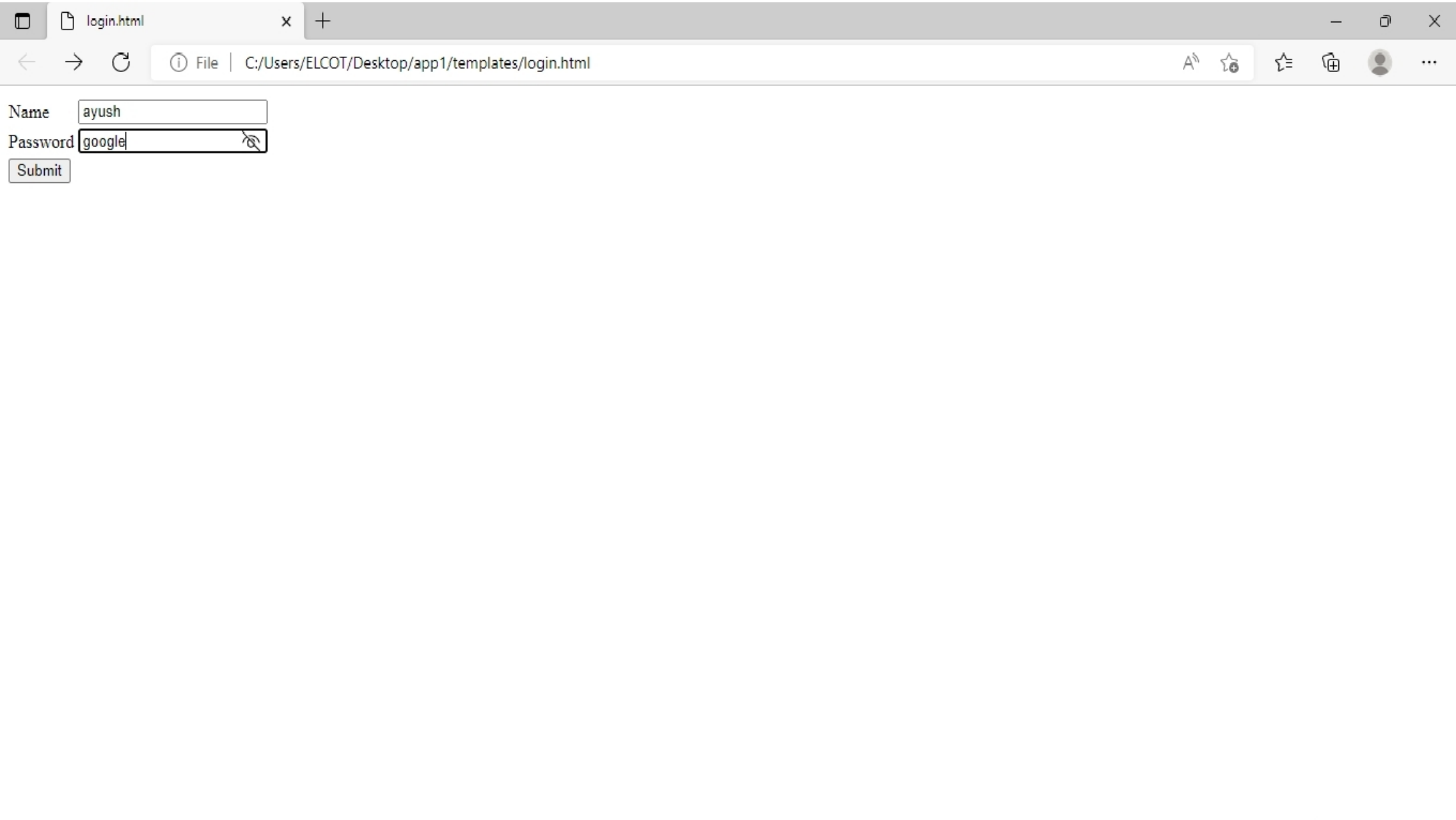
Console 1/A ×

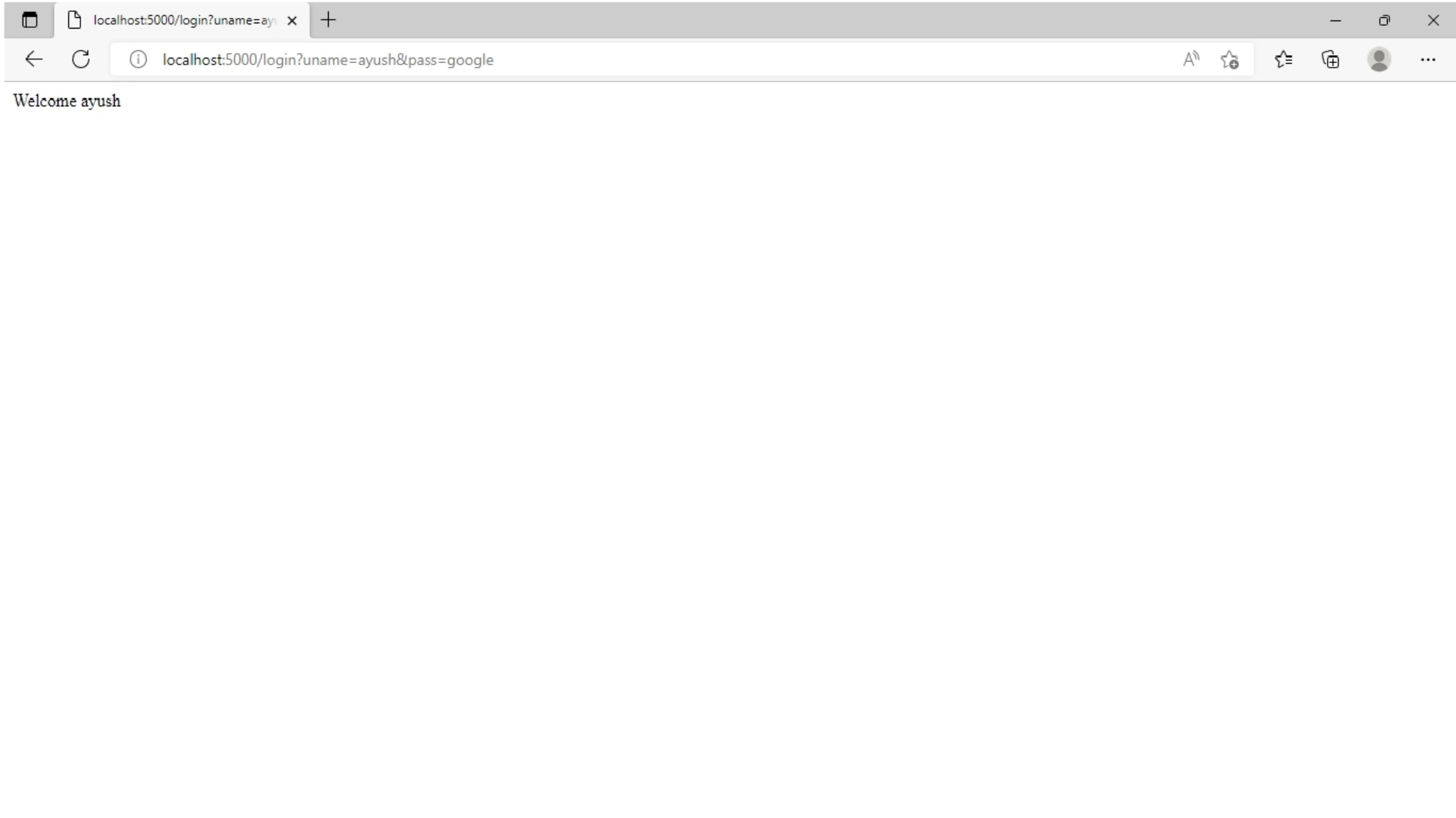
History IPython console

1. Pikachu
2. Charizard
3. Squirtle
4. Jigglypuff
5. Bulbasaur
6. Gengar
7. Charmander
8. Mew
9. Lugia
10. Gyarados













C:\Users\ELCOT\Desktop\app1\age.py

age.py x

```
1 from flask import Flask
2 app = Flask(__name__)
3
4 @app.route('/home/<int:age>')
5 def home(age):
6     return "Age = %d"%age;
7
8 if __name__ == "__main__":
9     app.run(debug = True)
10
11
```

Source Console Object

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Help Variable Explorer Plots Files

Console 1/A x

History IPython console

Age = 21

C:\Users\ELCOT\Desktop\app1\url.py

url.py ×

```
from flask import *

app = Flask(__name__)

@app.route('/admin')
def admin():
    return 'admin'

@app.route('/librarian')
def librarian():
    return 'librarian'

@app.route('/student')
def student():
    return 'student'

@app.route('/user/<name>')
def user(name):
    if name == 'admin':
        return redirect(url_for('admin'))
    if name == 'librarian':
        return redirect(url_for('librarian'))
    if name == 'student':
        return redirect(url_for('student'))
if __name__ == '__main__':
    app.run(debug = True)
```

C:\Users\ELCOT\Desktop\app1

Source

Console

Object

## Usage

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Help

Variable Explorer

Plots

Files



Console 1/A ×

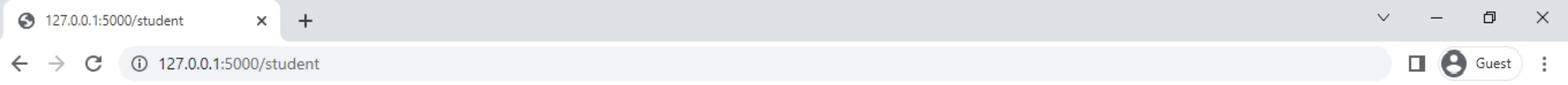
Python 3.9.12 (main, Apr 4 2022, 05:22:27) [MSC v.1916 64 bit (AMD64)]  
Type "copyright", "credits" or "license" for more information.

IPython 8.2.0 -- An enhanced Interactive Python.

In [1]: runfile('C:/Users/ELCOT/spy/Area.py', wdir='C:/Users/ELCOT/spy')

History

IPython console



student



C:\Users\ELCOT\Desktop\app1\about.py

about.py ×

```
1 from flask import Flask
2 app = Flask(__name__)
3
4 def about():
5     return "This is about page : Welcome to our page";
6
7 app.add_url_rule("/about", "about", about)
8
9 if __name__ == "__main__":
10     app.run(debug = True)
11
12
```

Source

Console

Object

## Usage

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Help

Variable Explorer

Plots

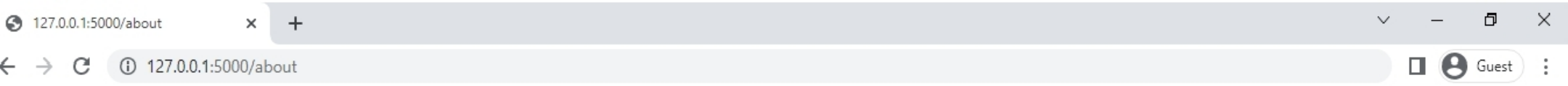
Files



Console 1/A ×

History

IPython console



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