Atividade Flask - Primeiro Contato: prints de execução e código do projeto Flask.

```python
from flask import Flask, render_template, jsonify, request

app = Flask(__name__)

@app.route("/")
def index():
    return jsonify({"mensagem": "Hello Json!"})

@app.route('/hello/')
@app.route('/hello/<nome>')
def hello(nome=None):
    return render_template('hello.html', name=nome)


@app.route('/show/<int:id>')
def show(id):
    return f'Valor recebido id = {id}'

@app.route('/login', methods=['GET', 'POST'])
def login():
    if request.method == 'POST':
        return 'Login via POST'
    else:
        return '''
            <html>
                <body>
                    <form method="post">
                        <p><input type=text name=username>
                        <p><input type=submit value=Login>
                    </form>
                </body>
            </html>
        '''

@app.errorhandler(404)
def page_not_found(error):
    return render_template('error.html'), 404


if __name__ == '__main__':
    app.run()
```
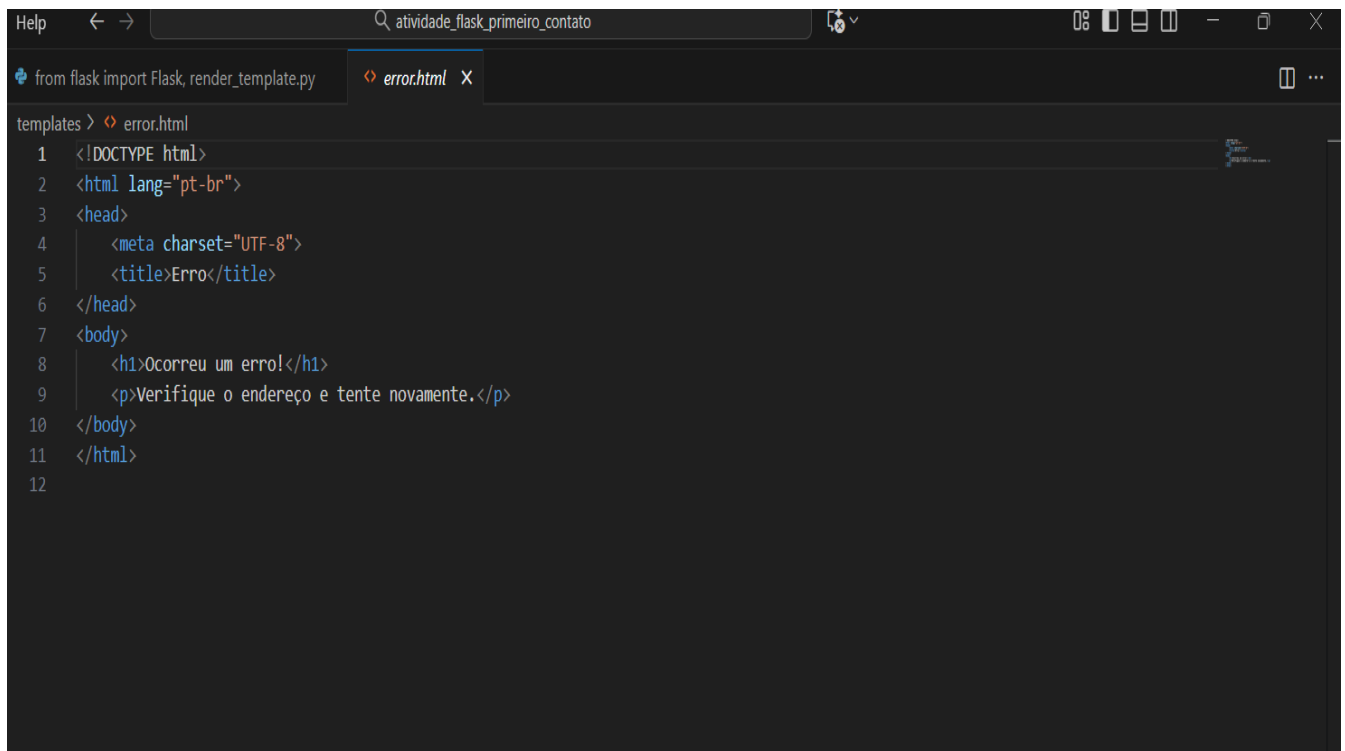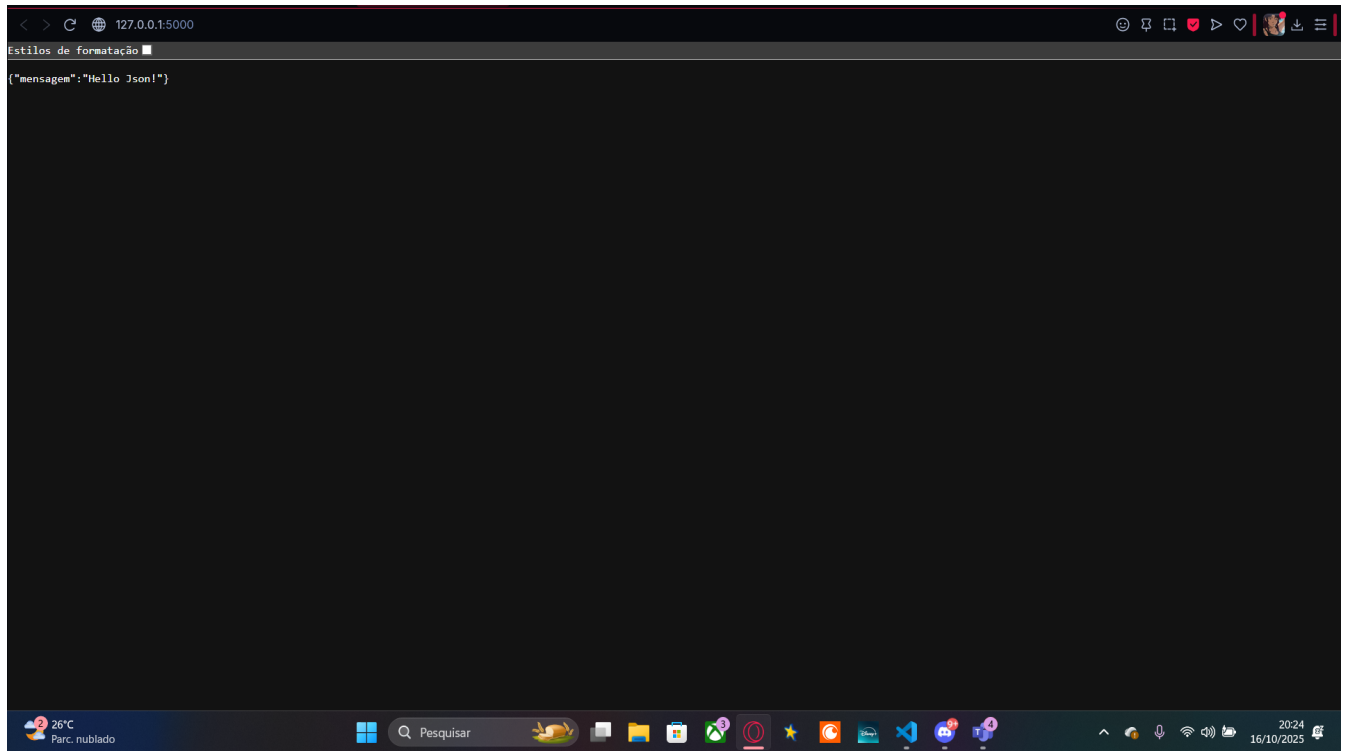
```
PROBLEMS    OUTPUT    DEBUG CONSOLE    TERMINAL    PORTS

PS C:\Users\Ailto\Downloads\atividade_flask_primeiro_contato> & C:/Users/Ailto/AppData/Local/Microsoft/WindowsApps/python3.11.exe "c:/Users/Ail
to/Downloads/atividade_flask_primeiro_contato/from flask import Flask, render_template.py"
 * Serving Flask app 'from flask import Flask, render_template'
 * Debug mode: off
WARNING: This is a development server. Do not use it in a production deployment. Use a production WSGI server instead.
 * Running on http://127.0.0.1:5000
Press CTRL+C to quit
127.0.0.1 - - [16/Oct/2025 20:18:23] "GET / HTTP/1.1" 200 -
127.0.0.1 - - [16/Oct/2025 20:18:27] "GET /favicon.ico HTTP/1.1" 404 -
```

{"mensagem":"Hello Json!"}

Estilos de formatação

```html
<!DOCTYPE html>
<html lang="pt-br">
<head>
    <meta charset="UTF-8">
    <title>Erro</title>
</head>
<body>
    <h1>Ocorreu um erro!</h1>
    <p>Verifique o endereço e tente novamente.</p>
</body>
</html>
```

from flask import Flask, render_template.py   ◇ hello.html ✕

templates > ◇ hello.html

```html
1  <!DOCTYPE html>
2  <html lang="pt-br">
3  <head>
4      <meta charset="UTF-8">
5      <title>Olá Flask</title>
6  </head>
7  <body>
8      <h1>Seja bem-vindo ao Flask!</h1>
9      <p>Essa é a rota principal do nosso app.</p>
10 </body>
11 </html>
12
```