

The screenshot shows the Visual Studio Code (VS Code) interface with a dark theme. The left sidebar contains icons for Explorer, Search, Python, and a terminal window with a '1' notification. The 'OPEN EDITORS' section lists 'new.py' under both 'OPEN EDITORS' and 'PYTHON'. The main editor area displays a Python script named 'new.py':

```
from flask import Flask, render_template
app = Flask(__name__)
@app.route('/')
@app.route('/Downloads')
def home():
    return "hello from flask"
if __name__ == '__main__':
    app.run(debug=True)
```

The terminal tab is active at the bottom, showing output from a Flask development server:

```
* Serving Flask app 'new'
* Serving Flask app 'new'
* Debug mode: on
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
* Restarting with stat
* Debugger is active!
* Debugger PIN: 323-913-364
127.0.0.1 - - [30/Dec/2025 12:58:57] "GET / HTTP/1.1" 200 -
127.0.0.1 - - [30/Dec/2025 12:58:57] "GET /favicon.ico HTTP/1.1" 404 -
```



hello from flask

A screenshot of a code editor interface, likely Visual Studio Code, displaying two files: `new.py` and `index.html`.

The `index.html` file is open in the editor, showing the following HTML code:

```
1 <!DOCTYPE html>
2 <html lang="en">
3   <head>
4     <meta charset="UTF-8">
5     <meta http-equiv="X-UA-Compatible" content="IE=edge">
6     <meta name="viewport" content="width=device-width, initial-scale=1.0">
7     <title>Downloads</title>
8   </head>
9   <body>
10    <h1>Flask file Upload Tutorial</h1>
11  </body>
12 </html>
```

The screenshot shows the Visual Studio Code interface with a dark theme. The top menu bar includes File, Edit, Selection, View, Go, Run, and a separator. The title bar shows the file path Q python. The left sidebar has icons for Explorer, Search, Python, and Terminal, with a '1' badge above the Python icon. The Explorer view shows 'OPEN EDITORS' with 'new.py' and 'index.html' listed, and a 'PYTHON' section with 'templates' containing 'index.html'. The main editor area displays Python code for a Flask application:

```
new.py
from flask import Flask, render_template
app = Flask(__name__)
@app.route('/')
@app.route('/Downloads')
def home():
    return render_template('index.html')
if __name__ == '__main__':
    app.run(debug=True)
```

The terminal at the bottom shows the application running on port 5000:

```
* Running on http://127.0.0.1:5000
Press CTRL+C to quit
* Restarting with stat
* Debugger is active!
* Debugger PIN: 323-913-364
127.0.0.1 - - [30/Dec/2025 13:13:08] "GET / HTTP/1.1" 200 -
* Detected change in 'd:\python\new.py', reloading
* Restarting with stat
* Debugger is active!
* Debugger PIN: 323-913-364
127.0.0.1 - - [30/Dec/2025 13:15:06] "GET / HTTP/1.1" 200 -
```



Downloads



localhost:5000

Flask file Upload Tutorial

The screenshot shows the Visual Studio Code interface with the following details:

- File Bar:** File, Edit, Selection, View, Go, Run, ...
- Search Bar:** python
- Left Sidebar (Explorer):**
 - OPEN EDITORS: new.py, index.html
 - PYTHON: templates, index.html
 - new.py (selected)
- Editor Area:** Displays the content of new.py:

```
1  from flask import Flask , render_template
2  from flask_wtf import FlaskForm
3  from wtforms import FileField, SubmitField
4
5  app = Flask(__name__)
6  app.config['SECRET_KEY'] = 'supersecretkey'
7
8  class UploadFileFrom(FlaskForm):
9      file = FileField("File")
10     submit = SubmitField("Upload File")
11
12 @app.route('/', methods=['GET', "POST"])
13 @app.route('/Downloads', methods=['GET', "POST"])
14 def home():
15     form = UploadFileFrom()
16     return render_template('index.html',form=form)
17 if __name__ == '__main__':
18     app.run(debug=True)
```
- Bottom Navigation:** PROBLEMS, OUTPUT, DEBUG CONSOLE, TERMINAL (underlined), PORTS
- Terminal Output:** ModuleNotFoundError: No module named 'wtform'
PS D:\python> & C:/Users/DEll/AppData/Local/Microsoft/WindowsApps
* Serving Flask app 'new'
* Debug mode: on

A screenshot of a code editor interface, likely Visual Studio Code, displaying two files: `new.py` and `index.html`.

The `index.html` file is open in the editor, showing the following HTML code:

```
1  <!DOCTYPE html>
2  <html lang="en">
3      <head>
4          <meta charset="UTF=8">
5          <meta http-equiv="X-UA-Compatible" content="IE=edge">
6          <meta name="viewport" content="width=device-width, initial-scale=1.0">
7          <title>Downloads</title>
8      </head>
9      <body>
10         <h1>Flask file Upload Tutorial</h1>
11
12         <form method='POST'>
13             {{form.hidden_tag()}}
14             {{form.file()}}
15             {{form.submit()}}
16         </form>
17     </body>
18 </html>
```

The code editor's sidebar shows the project structure:

- EXPLORER**: Shows `new.py`, `index.html` (selected), and `templates`.
- OPEN EDITORS**: Shows `new.py` and `index.html`.
- PYTHON**: Shows a folder named `templates`.

The status bar at the bottom indicates there is one change pending (`1`).

The screenshot shows a code editor interface with a dark theme. On the left is the Explorer sidebar, which lists open files: 'new.py', 'files', and 'index.html'. Below this are sections for 'PYTH...', 'Static', and 'templates', each containing 'index.html'. A blue bar highlights 'new.py' in the Explorer. The main area displays the following Python code:

```
 1  from flask import Flask, render_template
 2  from wtforms import FileField, SubmitField
 3  from werkzeug.utils import secure_filename
 4  import os
 5
 6  app = Flask(__name__)
 7  app.config['SECRET_KEY'] = 'supersecretkey'
 8  app.config['UPLOAD_FOLDER'] = 'Static/files'
 9
10 class UploadFileForm(FlaskForm):
11     file = FileField("File")
12     submit = SubmitField("Upload File")
13
14
15 @app.route('/', methods=['GET', "POST"])
16 @app.route('/Downloads', methods=['GET', "POST"])
17 def home():
18     form = UploadFileForm()
19     if form.validate_on_submit():
20         file = form.file.data #first grab the file
21         file.save(os.path.join(os.path.abspath(os.path.dirname(__file__)), app.config['UPLOAD_FOLDER']), secure_filename(file.filename))
22         return "file has been uploaded."
23     return render_template('index.html', form=form)
24
25 if __name__ == '__main__':
26     app.run(debug=True)
```

At the bottom, the terminal tab is active, showing the output of the application's startup:

```
* Serving Flask app 'new'
* Serving Flask app 'new'
* Debug mode: on
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
* Restarting with stat
* Debugger is active!
* Debugger PIN: 323-913-364
```

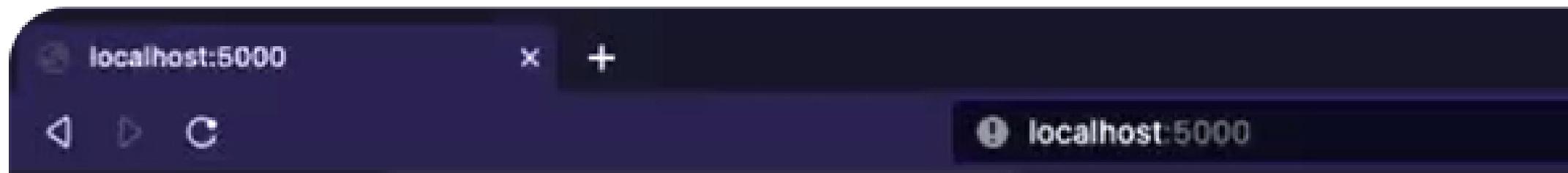
Downloads X +

localhost:5000

Flask file Upload Tutorial

Choose File No file chosen Upload File

The screenshot shows a file upload form on the left and a Windows File Explorer window on the right. The browser address bar indicates the URL is localhost:5000. The file upload form has a 'Choose File' button with the text 'No file chosen' and an 'Upload File' button. The File Explorer window is titled 'Open' and shows the 'Pictures' folder under 'This PC'. It displays several files: 'Screenshots' (a folder), '440890182f040d16a11453eee48973Of_720w.mp4' (a video thumbnail), 'batch end.txt' (a plain text file), 'h.PNG' (a green and black image), 'images.jpg' (a gold seal logo), and 'k.PNG' (another green and black image). A 'File name:' input field and 'Upload from mobile' and 'Open' buttons are at the bottom of the File Explorer window.



File has been uploaded.

localhost:5000

