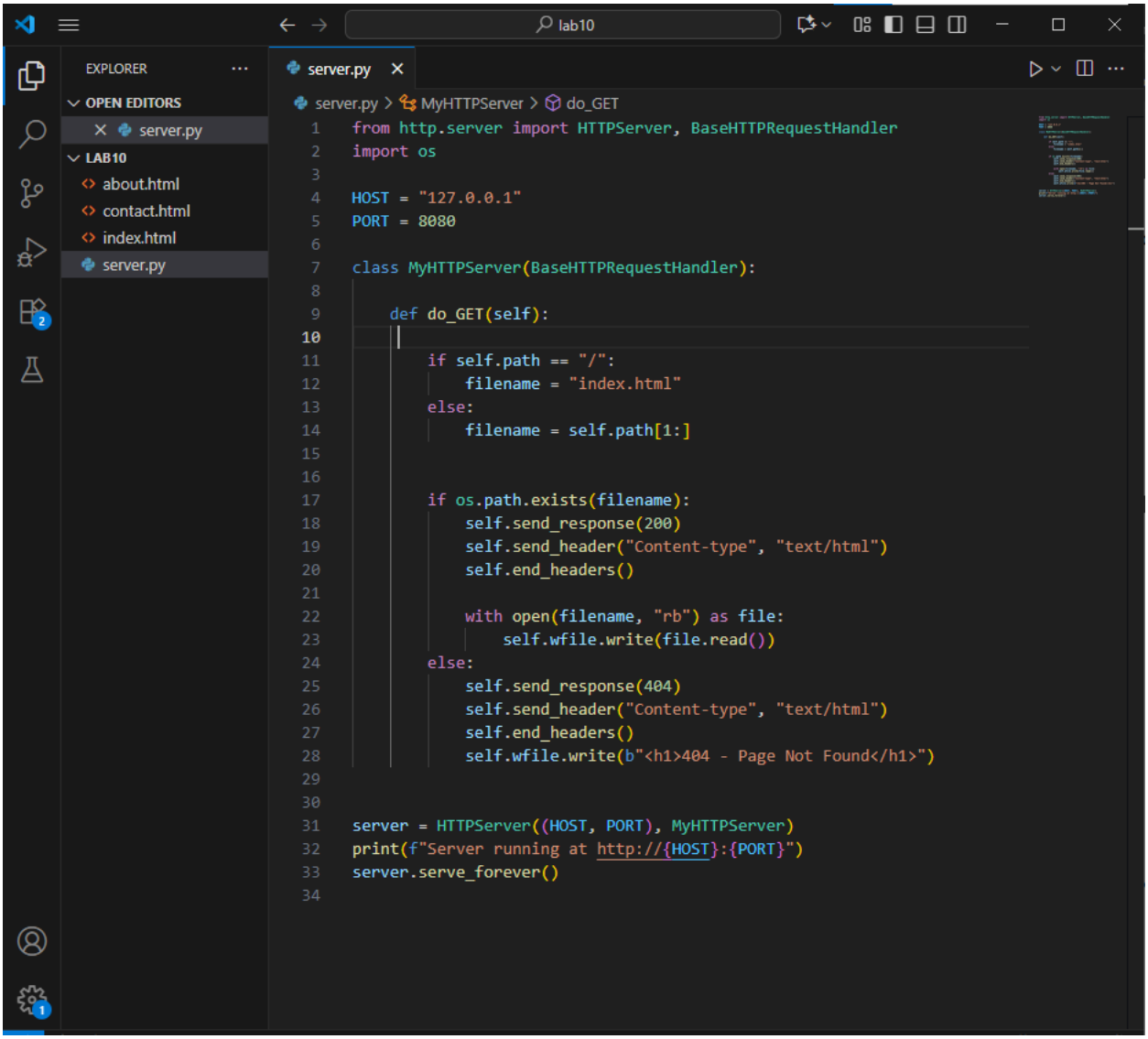
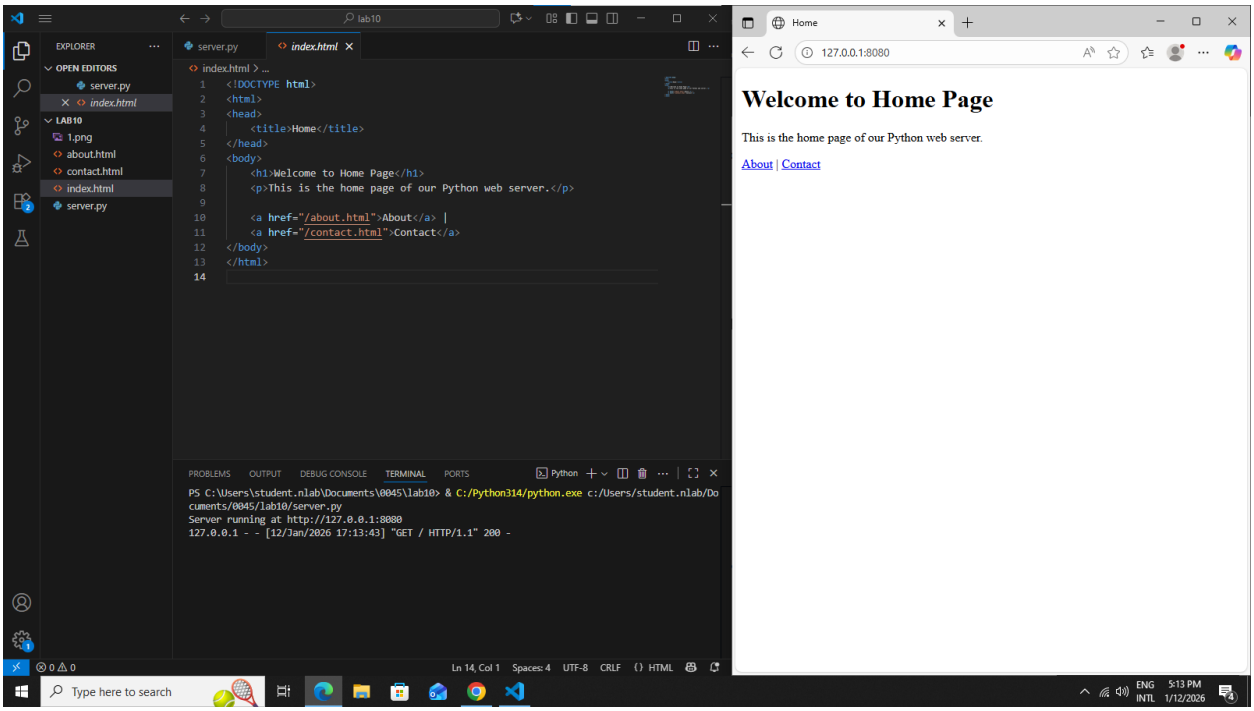
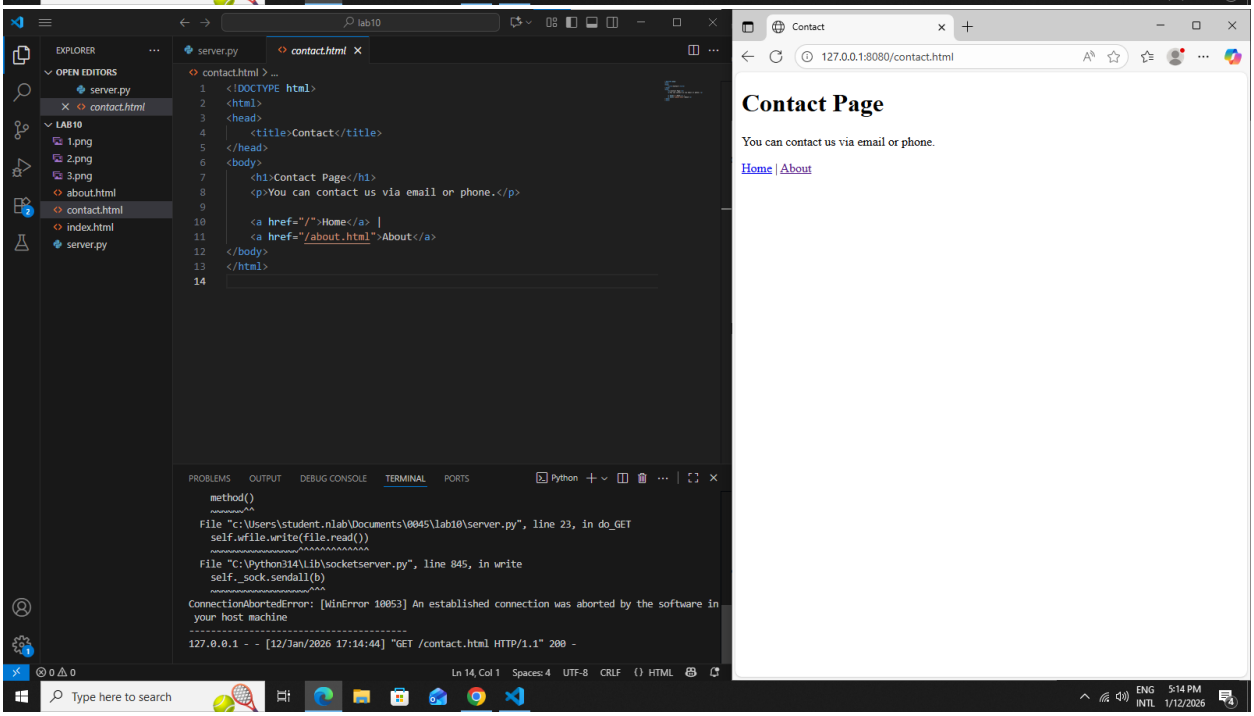
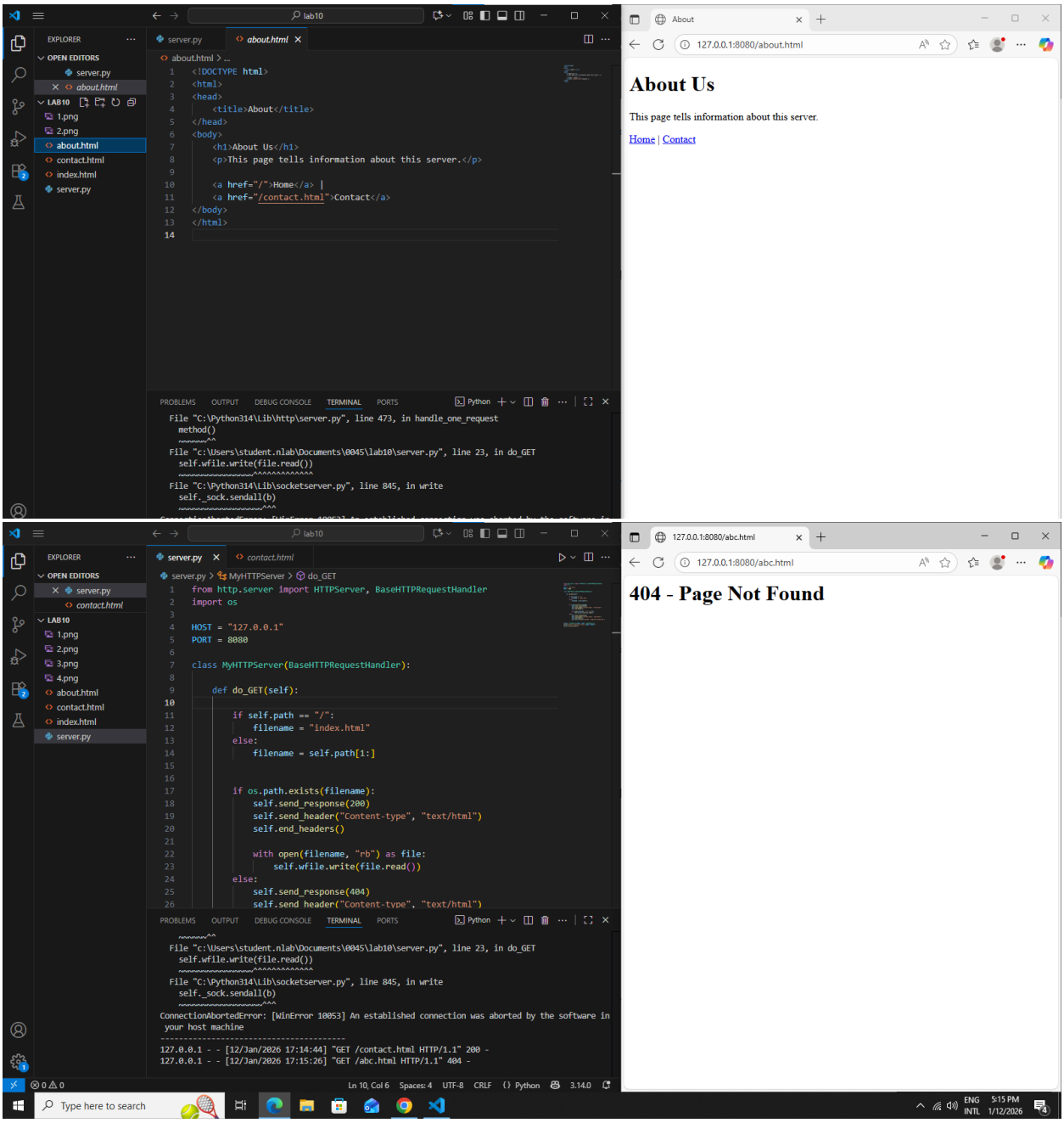

lab10
EXPLORER
OPEN EDITORS
server.py
LAB10
about.html
contact.html
index.html
server.py
server.py
server.py > MyHTTPServer > do_GET
from http.server import HTTPServer, BaseHTTPRequestHandler
import os
HOST = "127.0.0.1"
PORT = 8080
class MyHTTPServer(BaseHTTPRequestHandler):
def do_GET(self):
if self.path == "/":
filename = "index.html"
else:
filename = self.path[1:]
if os.path.exists(filename):
self.send_response(200)
self.send_header("Content-type", "text/html")
self.end_headers()
with open(filename, "rb") as file:
self.wfile.write(file.read())
else:
self.send_response(404)
self.send_header("Content-type", "text/html")
self.end_headers()
self.wfile.write(b"<h1>404 - Page Not Found</h1>")
server = HTTPServer((HOST, PORT), MyHTTPServer)
print(f"Server running at http://{HOST}:{PORT}")
server.serve_forever()


lab10
EXPLORER
OPEN EDITORS
server.py
index.html
LAB10
1.png
about.html
contact.html
index.html
server.py
index.html > ...
<!DOCTYPE html>
<html>
<head>
<title>Home</title>
</head>
<body>
<h1>Welcome to Home Page</h1>
This is the home page of our Python web server.
About |
Contact
</body>
</html>
PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL PORTS
Python
PS C:\Users\student.nlab\Documents\0045\lab10> & C:/Python314/python.exe c:/Users/student.nlab/Documents/0045/lab10/server.py
Server running at http://127.0.0.1:8080
127.0.0.1 - - [12/Jan/2026 17:13:43] "GET / HTTP/1.1" 200 -
Ln 14, Col 1 Spaces: 4 UTF-8 CRLF HTML
Type here to search
ENG INTL 5:13 PM 1/12/2026
Home
127.0.0.1:8080
Welcome to Home Page
This is the home page of our Python web server.
About | Contact


lab10
EXPLORER
OPEN EDITORS
server.py
contact.html
LAB10
1.png
2.png
3.png
about.html
contact.html
index.html
server.py
contact.html > ...
<!DOCTYPE html>
<html>
<head>
<title>Contact</title>
</head>
<body>
<h1>Contact Page</h1>
You can contact us via email or phone.
Home |
About
</body>
</html>
PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL PORTS
Python
method()
~~~~~~^^
File "C:\Users\student.nlab\Documents\0045\lab10\server.py", line 23, in do_GET
self.wfile.write(file.read())
~~~~~~~~~~~~~~~~^^^^^^^^^^^^
File "C:\Python314\Lib\socketserver.py", line 845, in write
self._sock.sendall(b)
~~~~~~~~~~~~~~~~~~^^^
ConnectionAbortedError: [WinError 10053] An established connection was aborted by the software in your host machine
127.0.0.1 - - [12/Jan/2026 17:14:44] "GET /contact.html HTTP/1.1" 200 -
Ln 14, Col 1 Spaces: 4 UTF-8 CRLF HTML
Type here to search
ENG INTL 5:14 PM 1/12/2026
Contact
127.0.0.1:8080/contact.html
Contact Page
You can contact us via email or phone.
Home | About
~~~~~~~~~~~~~~~~~~


EXPLORER
OPEN EDITORS
server.py
about.html
LAB10
1.png
2.png
about.html
contact.html
index.html
server.py
about.html
<!DOCTYPE html>
<html>
<head>
<title>About</title>
</head>
<body>
<h1>About Us</h1>
This page tells information about this server.
Home |
Contact
</body>
</html>
PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL PORTS
File "C:\Python314\Lib\http\server.py", line 473, in handle_one_request
method()
File "c:\Users\student.nlab\Documents\0045\lab10\server.py", line 23, in do_GET
self.wfile.write(file.read())
File "C:\Python314\Lib\socketserver.py", line 845, in write
self._sock.sendall(b)
About
127.0.0.1:8080/about.html
About Us
This page tells information about this server.
Home | Contact

EXPLORER
OPEN EDITORS
server.py
contact.html
LAB10
1.png
2.png
3.png
4.png
about.html
contact.html
index.html
server.py
server.py
contact.html
server.py > MyHTTPServer > do_GET
from http.server import HTTPServer, BaseHTTPRequestHandler
import os
HOST = "127.0.0.1"
PORT = 8080
class MyHTTPServer(BaseHTTPRequestHandler):
def do_GET(self):
if self.path == "/":
filename = "index.html"
else:
filename = self.path[1:]
if os.path.exists(filename):
self.send_response(200)
self.send_header("Content-type", "text/html")
self.end_headers()
with open(filename, "rb") as file:
self.wfile.write(file.read())
else:
self.send_response(404)
self.send_header("Content-type", "text/html")
PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL PORTS
File "c:\Users\student.nlab\Documents\0045\lab10\server.py", line 23, in do_GET
self.wfile.write(file.read())
File "C:\Python314\Lib\socketserver.py", line 845, in write
self._sock.sendall(b)
ConnectionAbortedError: [WinError 10053] An established connection was aborted by the software in your host machine
127.0.0.1 - - [12/Jan/2026 17:14:44] "GET /contact.html HTTP/1.1" 200 -
127.0.0.1 - - [12/Jan/2026 17:15:26] "GET /abc.html HTTP/1.1" 404 -
127.0.0.1:8080/abc.html
404 - Page Not Found
Type here to search