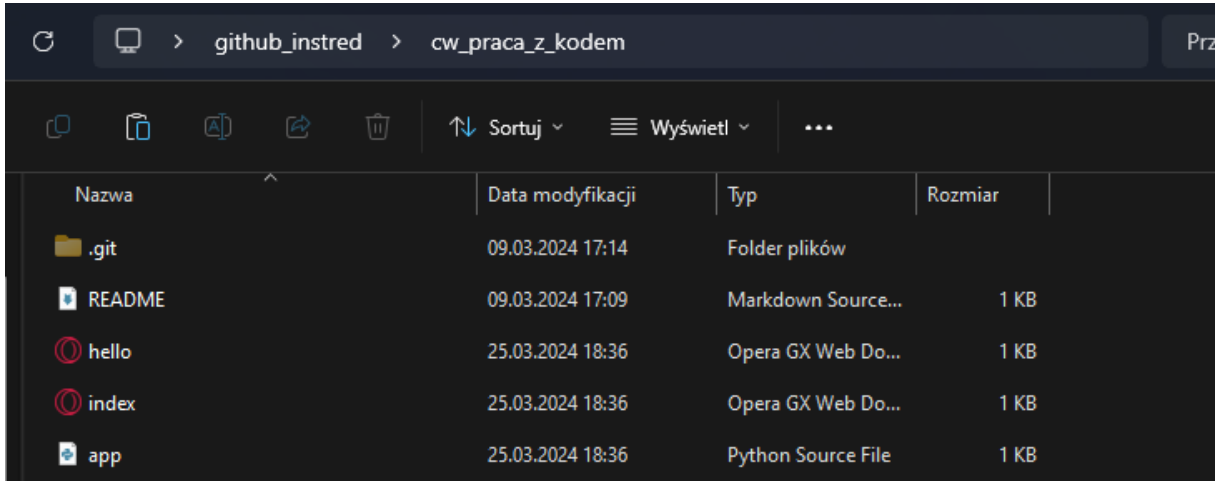


1. Tworzę nowy branch na którym będę działał

```
PS C:\Users\jakub\Desktop\github_instred\cw_praca_z_kodem> git checkout -b "cwiczenia2"
Switched to a new branch 'cwiczenia2'
PS C:\Users\jakub\Desktop\github_instred\cw_praca_z_kodem> |
```

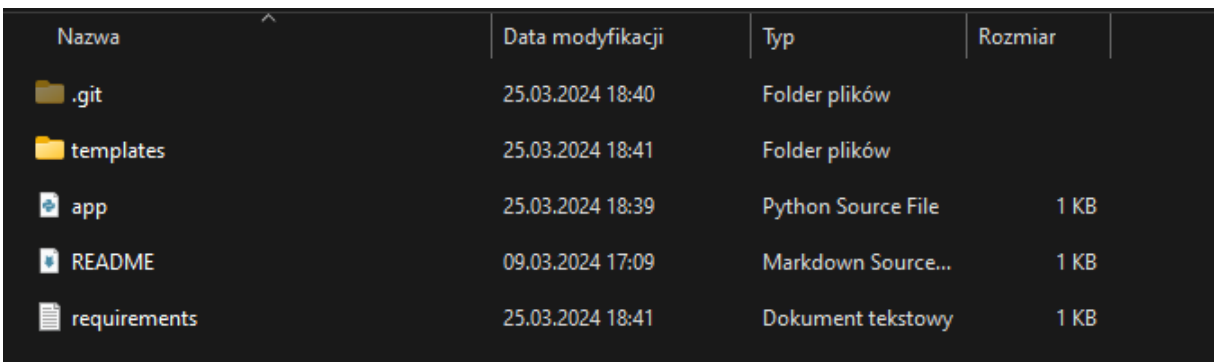
2. Wrzucam pobrane pliki, lokalnie do folderu



The screenshot shows a Windows File Explorer window with the address bar set to 'github\_instred > cw\_praca\_z\_kodem'. The file list contains the following items:

Nazwa	Data modyfikacji	Typ	Rozmiar
.git	09.03.2024 17:14	Folder plików	
README	09.03.2024 17:09	Markdown Source...	1 KB
hello	25.03.2024 18:36	Opera GX Web Do...	1 KB
index	25.03.2024 18:36	Opera GX Web Do...	1 KB
app	25.03.2024 18:36	Python Source File	1 KB

3. Tworzę folder templates i zmieniam strukturę plików:



The screenshot shows the same File Explorer window after creating the 'templates' folder. The file list is now:

Nazwa	Data modyfikacji	Typ	Rozmiar
.git	25.03.2024 18:40	Folder plików	
templates	25.03.2024 18:41	Folder plików	
app	25.03.2024 18:39	Python Source File	1 KB
README	09.03.2024 17:09	Markdown Source...	1 KB
requirements	25.03.2024 18:41	Dokument tekstowy	1 KB

4. Commituję zmiany i wrzucam na brancha pushem

```
PS C:\Users\jakub\Desktop\github_instred\cw_praca_z_kodem> git commit -m "added files, changes files structure"
[cwiczenia2 cd31060] added files, changes files structure
3 files changed, 18 insertions(+)
create mode 100644 requirements.txt
create mode 100644 templates/hello.html
create mode 100644 templates/index.html
```

```
PS C:\Users\jakub\Desktop\github_instred\cw_praca_z_kodem> git push --set-upstream origin cwiczenia2
Enumerating objects: 7, done.
Counting objects: 100% (7/7), done.
Delta compression using up to 8 threads
Compressing objects: 100% (5/5), done.
Writing objects: 100% (6/6), 697 bytes | 697.00 KiB/s, done.
Total 6 (delta 0), reused 0 (delta 0), pack-reused 0
remote:
remote: Create a pull request for 'cwiczenia2' on GitHub by visiting:
remote:   https://github.com/instred/cw_praca_z_kodem/pull/new/cwiczenia2
remote:
To github.com:instred/cw_praca_z_kodem.git
 * [new branch]      cwiczenia2 -> cwiczenia2
branch 'cwiczenia2' set up to track 'origin/cwiczenia2'.
```

## 5. Tworze makefile

```
M Makefile X
C: > Users > jakub > Desktop > github_instred > cw_praca_z_kodem > M Makefile
1  install:
2      pip install -r requirements.txt
3
4  run:
5      flask run
```

## 6. Instaluje Flaska następnie uruchamiam

```
PS C:\Users\jakub\Desktop\github_instred\cw_praca_z_kodem> python -m flask run
* 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
```

## 7. Curl strona główna

```
PS C:\Users\jakub\Desktop\github_instred\cw_praca_z_kodem> curl http://127.0.0.1:5000/

StatusCode      : 200
StatusDescription : OK
Content          : <!DOCTYPE html>
                  <html lang="en">
                  <head>
                    <meta charset="UTF-8">
                    <title>FlaskBlog</title>
                  </head>
                  <body>
                    <h1>Welcome to FlaskBlog</h1>
                  </body>
                  </html>
RawContent      : HTTP/1.1 200 OK
                  Connection: close
                  Content-Length: 159
                  Content-Type: text/html; charset=utf-8
                  Date: Mon, 25 Mar 2024 17:59:57 GMT
                  Server: Werkzeug/3.0.1 Python/3.11.8

                  <!DOCTYPE html>
```

## 8. Curl hello

```
PS C:\Users\jakub\Desktop\github_instred\cw_praca_z_kodem> curl http://127.0.0.1:5000/hello
curl : Redirecting...
You should be redirected automatically to the target URL: http://127.0.0.1:5000/hello/. If not, click the link.
At line:1 char:1
+ curl http://127.0.0.1:5000/hello
+ ~~~~~
+ CategoryInfo          : InvalidOperation: (System.Net.HttpWebRequest:HttpWebRequest) [Invoke-WebRequest], WebExc
eption
+ FullyQualifiedErrorId : WebCmdletWebResponseException,Microsoft.PowerShell.Commands.InvokeWebRequestCommand
```

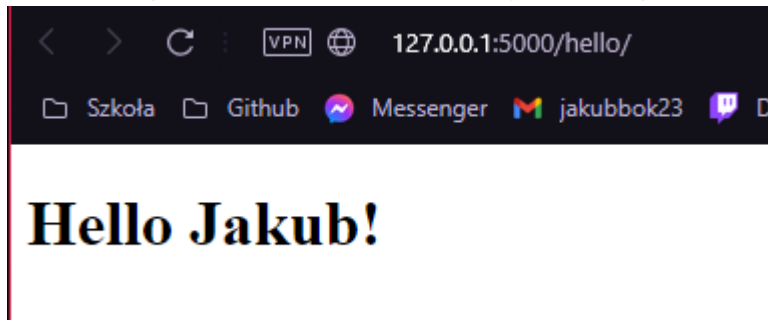
## 9. Curl hello/Jakub

```
PS C:\Users\jakub\Desktop\github_instred\cw_praca_z_kodem> curl http://127.0.0.1:5000/hello/Jakub

StatusCode      : 200
StatusDescription : OK
Content          : <!doctype html>
                  <title>Hello from Flask</title>
                  <h1>Hello Jakub!</h1>
RawContent      : HTTP/1.1 200 OK
                  Connection: close
                  Content-Length: 73
                  Content-Type: text/html; charset=utf-8
                  Date: Mon, 25 Mar 2024 18:02:10 GMT
                  Server: Werkzeug/3.0.1 Python/3.11.8

                  <!doctype html>
                  <title>Hell...
Forms           : {}
Headers         : {[Connection, close], [Content-Length, 73], [Content-Type, text/html; charset=utf-8], [Date, Mon, 2
                  5 Mar 2024 18:02:10 GMT]...}
Images          : {}
InputFields     : {}
Links           : {}
```

10. Po zmianie parametru, na stronie widnieje teraz napis:



Również komenda curl, zwraca teraz poprawne dane:

```
PS C:\Users\jakub\Desktop\github_instred\cw_praca_z_kodem> curl http://127.0.0.1:5000/hello/

StatusCode      : 200
StatusDescription : OK
Content         : <!doctype html>
                  <title>Hello from Flask</title>
                  <br>
                  <h1>Hello Jakub!</h1>
RawContent      : HTTP/1.1 200 OK
                  Connection: close
                  Content-Length: 73
                  Content-Type: text/html; charset=utf-8
                  Date: Mon, 25 Mar 2024 18:05:55 GMT
                  Server: Werkzeug/3.0.1 Python/3.11.8
                  <!doctype html>
                  <title>Hell...
```

11. Instaluje pylint

```
PS C:\Users\jakub\Desktop\github_instred\cw_praca_z_kodem> pip install pylint
```

12. Dodaje pylinta do Makefile i wrzucam na Git

```
M Makefile X app.py
C: > Users > jakub > Desktop > github_instred
1  install:
2      pip install -r requirements.txt
3
4  run:
5      flask run
6
7  lint:
8      pylint app.py

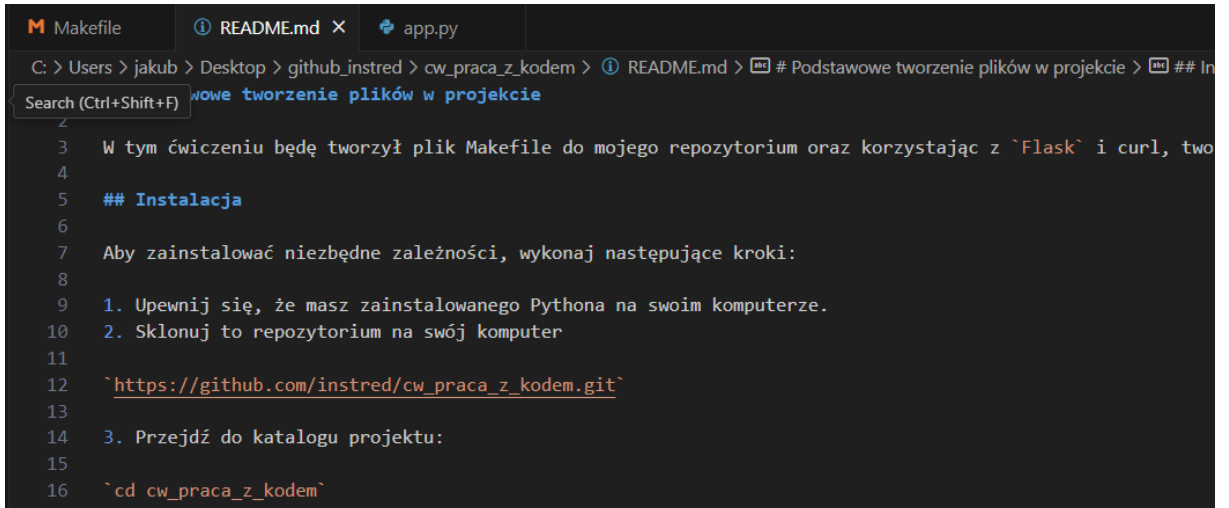
PS C:\Users\jakub\Desktop\github_instred\cw_praca_z_kodem> git add .\Makefile
PS C:\Users\jakub\Desktop\github_instred\cw_praca_z_kodem> git commit -m "added lint to makefile"
[cwiczienia2 7632466] added lint to makefile
1 file changed, 4 insertions(+), 1 deletion(-)
PS C:\Users\jakub\Desktop\github_instred\cw_praca_z_kodem> git push
Enumerating objects: 5, done.
Counting objects: 100% (5/5), done.
Delta compression using up to 8 threads
Compressing objects: 100% (3/3), done.
Writing objects: 100% (3/3), 350 bytes | 350.00 KiB/s, done.
Total 3 (delta 1), reused 0 (delta 0), pack-reused 0
remote: Resolving deltas: 100% (1/1), completed with 1 local object.
To github.com:instred/cw_praca_z_kodem.git
3509aa2..7632466  cwiczienia2 -> cwiczienia2
```

13. Po uruchomieniu Pylint na app.py, otrzymuje wynik:

```
***** Module app
app.py:1:0: C0114: Missing module docstring (missing-module-docstring)
app.py:7:0: C0116: Missing function or method docstring (missing-function-docstring)
app.py:13:0: C0116: Missing function or method docstring (missing-function-docstring)
app.py:13:10: W0613: Unused argument 'name' (unused-argument)
app.py:2:0: W0611: Unused escape imported from markupsafe (unused-import)

-----
Your code has been rated at 2.86/10
```

14. Edycja README.md oraz dodanie pliku z odpowiedziami do repozytorium.



```
M Makefile  README.md X  app.py
C: > Users > jakub > Desktop > github_instred > cw_praca_z_kodem > README.md > # Podstawowe tworzenie plików w projekcie > ## In
Search (Ctrl+Shift+F) nowe tworzenie plików w projekcie
2
3 W tym ćwiczeniu będę tworzył plik Makefile do mojego repozytorium oraz korzystając z `Flask` i curl, two
4
5 ## Instalacja
6
7 Aby zainstalować niezbędne zależności, wykonaj następujące kroki:
8
9 1. Upewnij się, że masz zainstalowanego Pythona na swoim komputerze.
10 2. Sklonuj to repozytorium na swój komputer
11
12 `https://github.com/instred/cw_praca_z_kodem.git`
13
14 3. Przejdź do katalogu projektu:
15
16 `cd cw_praca_z_kodem`
17
```