

Zadanie 1


The screenshot shows the GitHub interface for a repository named 'cw_praca_z_kodem' by user 'JanuszBartosiewicz'. The repository is public. The top navigation bar includes links for Code, Issues, Pull requests, Actions, Projects, Wiki, and Settings. Below the repository name, there are buttons for Pin, Unwatch (1), and a search icon. The main content area shows the 'master' branch selected. A table lists the files in the repository, including NDABO_lista2_23-24_03_2..., README.md, app.py, hello.html, index.html, and requirements (1).txt. The table also shows the commit hash f8b2c21 and the commit time 2 minutes ago for the first row, and 2 weeks ago for the second row.

File	Commit	Time
NDABO_lista2_23-24_03_2...	f8b2c21	2 minutes ago
README.md		2 weeks ago
app.py		2 minutes ago
hello.html		2 minutes ago
index.html		2 minutes ago
requirements (1).txt		2 minutes ago


1. Przesłanie wszystkich plików do repozytorium.
2. Środowisko pythona było już zainstalowane.





Zadanie 2

Stworzenie folderu templates.


 **cw_praca_z_kodem** Public Pin Unwatch 1


master Go to file + <> Code




 **JanuszBartosiewicz** Zadanie 2 11b078e · 1 minute ago 4 Commits

 templates	Zadanie 2	1 minute ago
 README.md	Dodanie pliku	2 weeks ago
 app.py	pliki	18 minutes ago
 requirements (1).txt	pliki	18 minutes ago

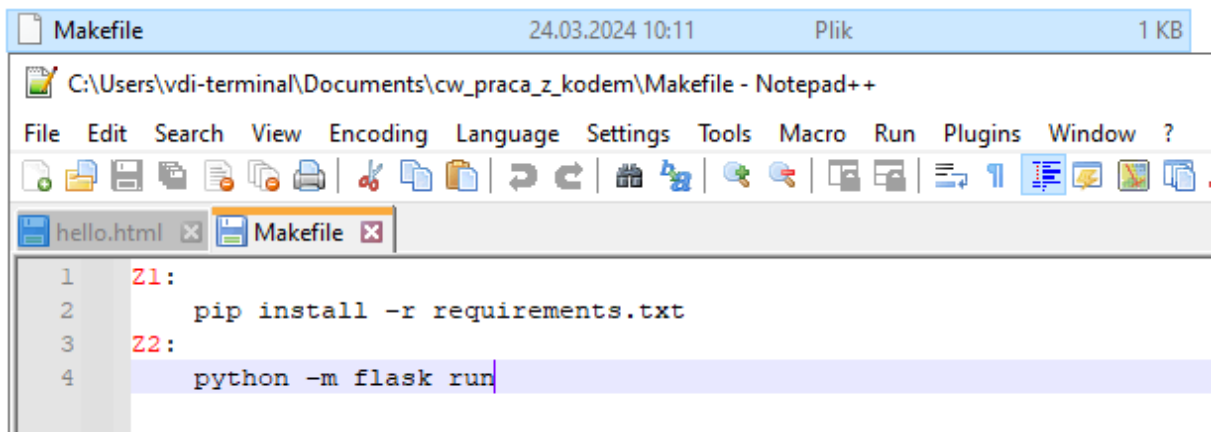
Zawartość folderu templates.

 master [cw_praca_z_kodem / templates /](#) Go to file Add file ...

 **JanuszBartosiewicz** Zadanie 2 11b078e · 1 minute ago History

Name	Last commit message	Last commit date
 ..		
 hello.html	Zadanie 2	1 minute ago
 index.html	Zadanie 2	1 minute ago

Zadanie 3



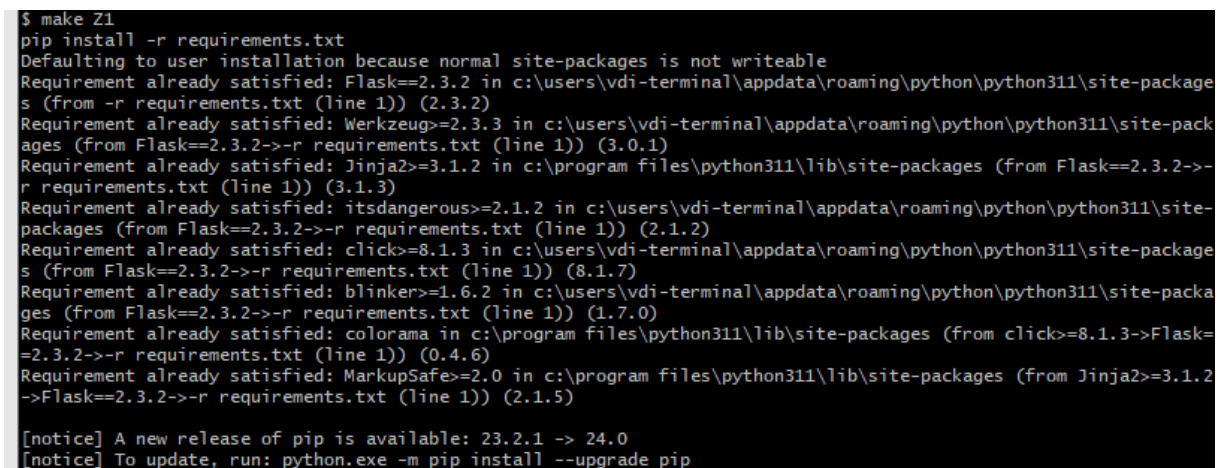
The screenshot shows a Notepad++ window titled 'Makefile' with the following content:

```
1 Z1:
2     pip install -r requirements.txt
3 Z2:
4     python -m flask run
```

Gotowy Plik Makefile.

Zadanie 4

Uruchomienie komendy Z1.

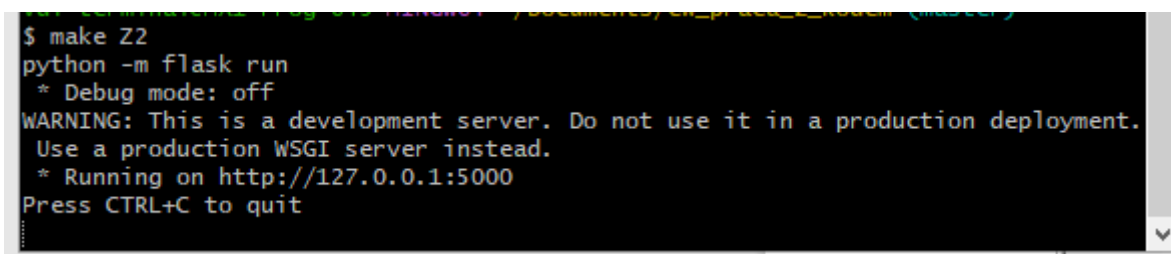


The screenshot shows a terminal window with the following output:

```
$ make Z1
pip install -r requirements.txt
Defaulting to user installation because normal site-packages is not writeable
Requirement already satisfied: Flask==2.3.2 in c:\users\vdi-terminal\appdata\roaming\python\python311\site-packages (from -r requirements.txt (line 1)) (2.3.2)
Requirement already satisfied: Werkzeug==2.3.3 in c:\users\vdi-terminal\appdata\roaming\python\python311\site-packages (from Flask==2.3.2->-r requirements.txt (line 1)) (3.0.1)
Requirement already satisfied: Jinja2==3.1.2 in c:\program files\python311\lib\site-packages (from Flask==2.3.2->-r requirements.txt (line 1)) (3.1.3)
Requirement already satisfied: itsdangerous==2.1.2 in c:\users\vdi-terminal\appdata\roaming\python\python311\site-packages (from Flask==2.3.2->-r requirements.txt (line 1)) (2.1.2)
Requirement already satisfied: click==8.1.3 in c:\users\vdi-terminal\appdata\roaming\python\python311\site-packages (from Flask==2.3.2->-r requirements.txt (line 1)) (8.1.7)
Requirement already satisfied: blinker==1.6.2 in c:\users\vdi-terminal\appdata\roaming\python\python311\site-packages (from Flask==2.3.2->-r requirements.txt (line 1)) (1.7.0)
Requirement already satisfied: colorama in c:\program files\python311\lib\site-packages (from click==8.1.3->Flask==2.3.2->-r requirements.txt (line 1)) (0.4.6)
Requirement already satisfied: MarkupSafe==2.0 in c:\program files\python311\lib\site-packages (from Jinja2==3.1.2->Flask==2.3.2->-r requirements.txt (line 1)) (2.1.5)

[notice] A new release of pip is available: 23.2.1 -> 24.0
[notice] To update, run: python.exe -m pip install --upgrade pip
```

Uruchomienie komendy Z2.



The screenshot shows a terminal window with the following output:

```
$ make Z2
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
```

Zadanie 5

a)

```
C:\Users\vdi-terminal\Documents\cw_praca_z_kodem>curl http://127.0.0.1:5000/
<!DOCTYPE html>
<html lang="en">
<head>
  <meta charset="UTF-8">
  <title>FlaskBlog</title>
</head>
<body>
  <h1>Welcome to FlaskBlog</h1>
</body>
</html>
```

b)

```
C:\Users\vdi-terminal\Documents\cw_praca_z_kodem>curl http://127.0.0.1:5000/hello/
<!doctype html>
<title>Hello from Flask</title>

  <h1>Hello, World!</h1>

C:\Users\vdi-terminal\Documents\cw_praca_z_kodem>
```

c)

```
C:\Users\vdi-terminal\Documents\cw_praca_z_kodem>curl http://127.0.0.1:5000/hello/Janusz
<!doctype html>
<title>Hello from Flask</title>

  <h1>Hello Janusz!</h1>
```

Zadanie 6

```
C:\cw_praca_z_kodem>curl http://127.0.0.1:5000/hello
<!doctype html>
<title>Hello from Flask</title>

  <h1>Hello Jan!</h1>
```

Po zmianie kodu wywołanie polecenia „curl <http://127.0.0.1:5000/hello/<name>>” sprawia że wyświetla się zawartość z wpisanym w kodzie imieniem (Jan).

Zadanie 7

Instalacja narzędzia pylint.

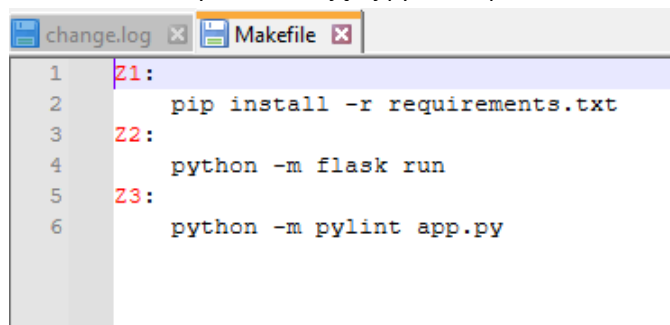
```
C:\Users\vdi-terminal>pip install pylint
Defaulting to user installation because normal site-packages is not writeable
Collecting pylint
  Obtaining dependency information for pylint from https://files.pythonhosted.org/packages/4d/2b/dfcf298607c73c3af47d5
  Downloading pylint-3.1.0-py3-none-any.whl.metadata (12 kB)
Requirement already satisfied: platformdirs>=2.2.0 in c:\users\vdi-terminal\appdata\roaming\python\python311\site-pack
Collecting astroid<=3.2.0-dev0,>=3.1.0 (from pylint)
  Obtaining dependency information for astroid<=3.2.0-dev0,>=3.1.0 from https://files.pythonhosted.org/packages/ed/1c/
ne-any.whl.metadata
  Downloading astroid-3.1.0-py3-none-any.whl.metadata (4.5 kB)
Collecting isort!=5.13.0,<6,>=4.2.5 (from pylint)
  Obtaining dependency information for isort!=5.13.0,<6,>=4.2.5 from https://files.pythonhosted.org/packages/d1/b3/8de
ny.whl.metadata
  Downloading isort-5.13.2-py3-none-any.whl.metadata (12 kB)
Collecting mccabe<0.8,>=0.6 (from pylint)
  Obtaining dependency information for mccabe<0.8,>=0.6 from https://files.pythonhosted.org/packages/27/1a/1f68f9ba0c2
hl.metadata
  Downloading mccabe-0.7.0-py2.py3-none-any.whl.metadata (5.0 kB)
Collecting tomlkit>=0.10.1 (from pylint)
  Obtaining dependency information for tomlkit>=0.10.1 from https://files.pythonhosted.org/packages/07/fa/c96545d741f2
metadata
  Downloading tomlkit-0.12.4-py3-none-any.whl.metadata (2.7 kB)
Collecting dill>=0.3.6 (from pylint)
  Obtaining dependency information for dill>=0.3.6 from https://files.pythonhosted.org/packages/c9/7a/cef76fd8438a42f9
  Downloading dill-0.3.8-py3-none-any.whl.metadata (10 kB)
Requirement already satisfied: colorama>=0.4.5 in c:\program files\python311\lib\site-packages (from pylint) (0.4.6)
Downloading pylint-3.1.0-py3-none-any.whl (515 kB)
----- 515.6/515.6 kB 8.0 MB/s eta 0:00:00
Downloading astroid-3.1.0-py3-none-any.whl (275 kB)
----- 275.6/275.6 kB 17.7 MB/s eta 0:00:00
Downloading dill-0.3.8-py3-none-any.whl (116 kB)
----- 116.3/116.3 kB 7.1 MB/s eta 0:00:00
Downloading isort-5.13.2-py3-none-any.whl (92 kB)
----- 92.3/92.3 kB 5.5 MB/s eta 0:00:00
Downloading mccabe-0.7.0-py2.py3-none-any.whl (7.3 kB)
Downloading tomlkit-0.12.4-py3-none-any.whl (37 kB)
Installing collected packages: tomlkit, mccabe, isort, dill, astroid, pylint
  WARNING: The scripts isort-identify-imports.exe and isort.exe are installed in 'C:\Users\vdi-terminal\AppData\Roamin
  Consider adding this directory to PATH or, if you prefer to suppress this warning, use --no-warn-script-location.
  WARNING: The scripts pylint-config.exe, pylint.exe, pyreverse.exe and symilar.exe are installed in 'C:\Users\vdi-ter
  Consider adding this directory to PATH or, if you prefer to suppress this warning, use --no-warn-script-location.
Successfully installed astroid-3.1.0 dill-0.3.8 isort-5.13.2 mccabe-0.7.0 pylint-3.1.0 tomlkit-0.12.4

[notice] A new release of pip is available: 23.2.1 -> 24.0
[notice] To update, run: python.exe -m pip install --upgrade pip

C:\Users\vdi-terminal>
```

Zadanie 8

Dodanie Komendy uruchamiającej pylint do pliku Makefile.



```
change.log x Makefile x
1 21:
2    pip install -r requirements.txt
3 22:
4    python -m flask run
5 23:
6    python -m pylint app.py
```

Zadanie 9

Uruchomienie komendy pylint na pliku app.py wyświetla listę błędów i sugerowanych poprawek.

```
$ make Z3
python -m pylint app.py
***** 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 (previous run: 2.86/10, +0.00)

make: *** [Makefile:6: Z3] Error 20

vdi-terminal@MX1-Prog-049 MINGW64 ~/Documents/cw_praca_z_kodem (master)
```

Zadanie 10

Uzupełnienie pliku README jest bardzo ważne ponieważ służy on jako instrukcja obsługi naszej aplikacji. W pliku README można zamieścić podstawowe informacje o funkcjach naszej aplikacji, sposobie jej instalacji oraz wymaganiach.