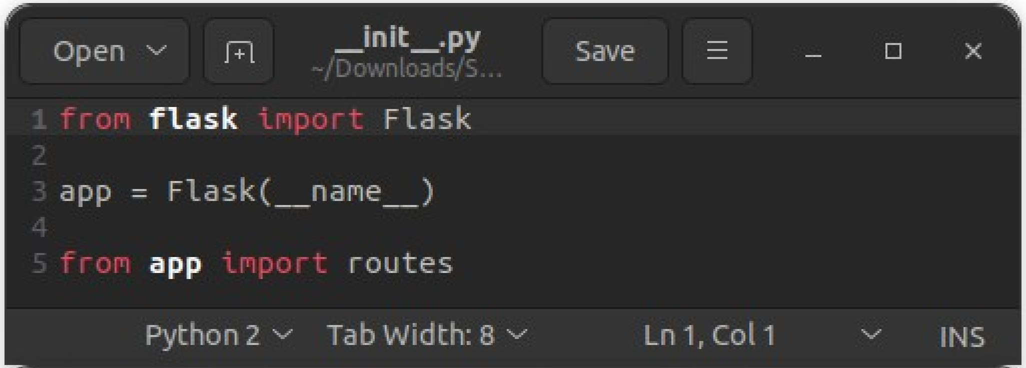
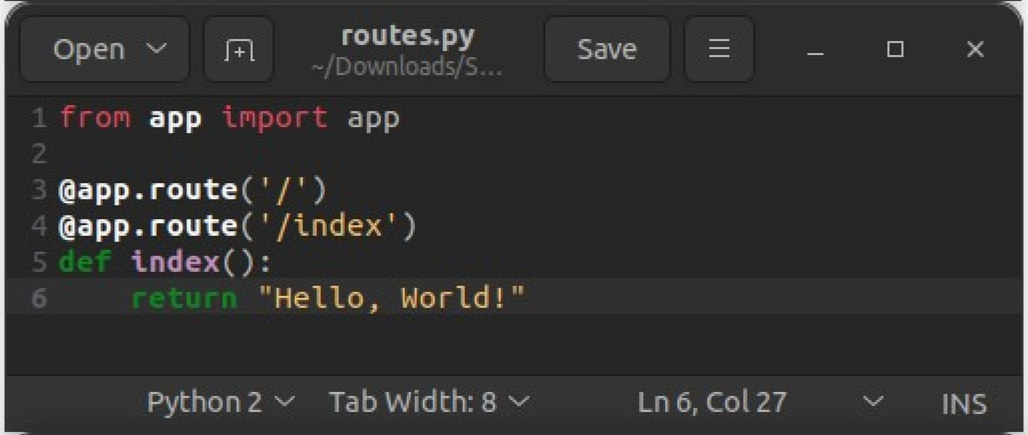
Zadanie 1.



__init__.py
~/Downloads/S...

```
from flask import Flask

app = Flask(__name__)

from app import routes
```

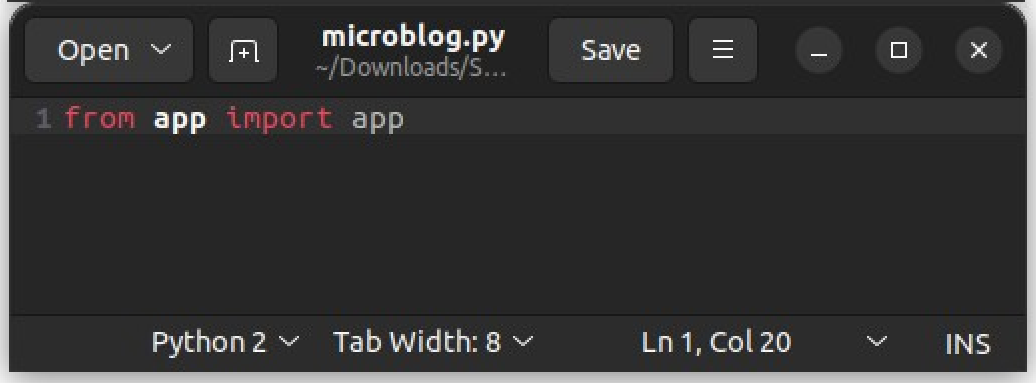
Python 2 Tab Width: 8 Ln 1, Col 1



routes.py
~/Downloads/S...

```
from app import app

@app.route('/')
@app.route('/index')
def index():
    return "Hello, World!"
```

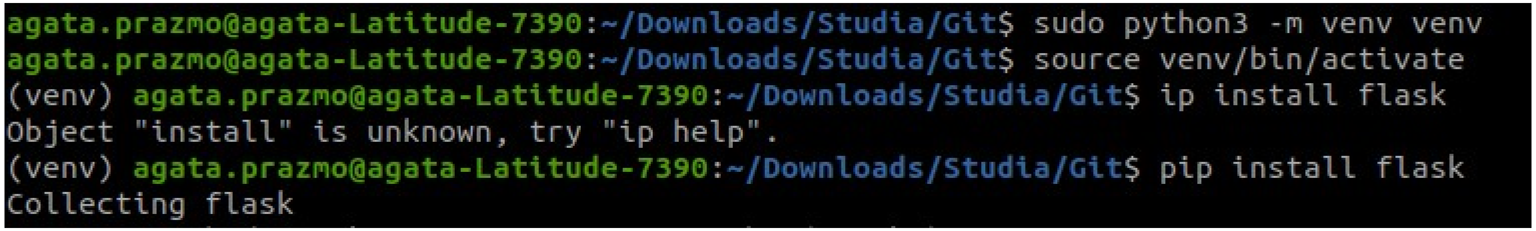
Python 2 Tab Width: 8 Ln 6, Col 27



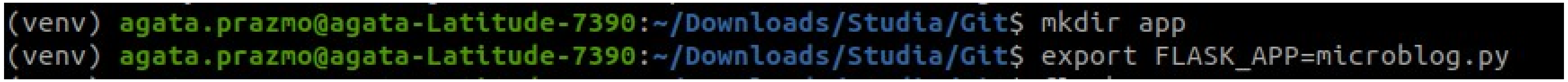
microblog.py
~/Downloads/S...

```
from app import app
```

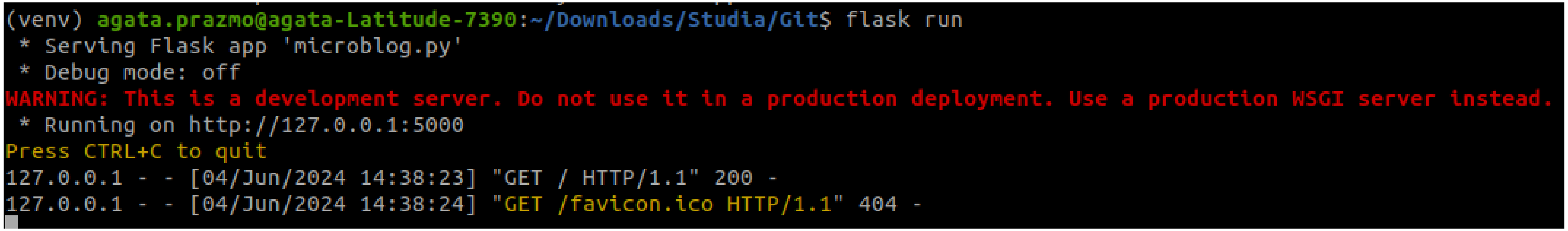
Python 2 Tab Width: 8 Ln 1, Col 20



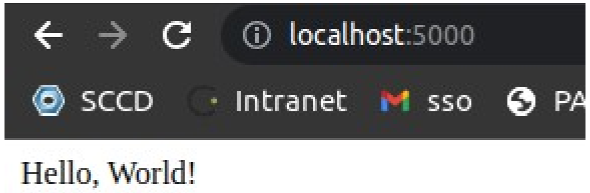
```
agata.prazmo@agata-Latitude-7390:~/Downloads/Studia/Git$ sudo python3 -m venv venv
agata.prazmo@agata-Latitude-7390:~/Downloads/Studia/Git$ source venv/bin/activate
(venv) agata.prazmo@agata-Latitude-7390:~/Downloads/Studia/Git$ ip install flask
Object "install" is unknown, try "ip help".
(venv) agata.prazmo@agata-Latitude-7390:~/Downloads/Studia/Git$ pip install flask
Collecting flask
```



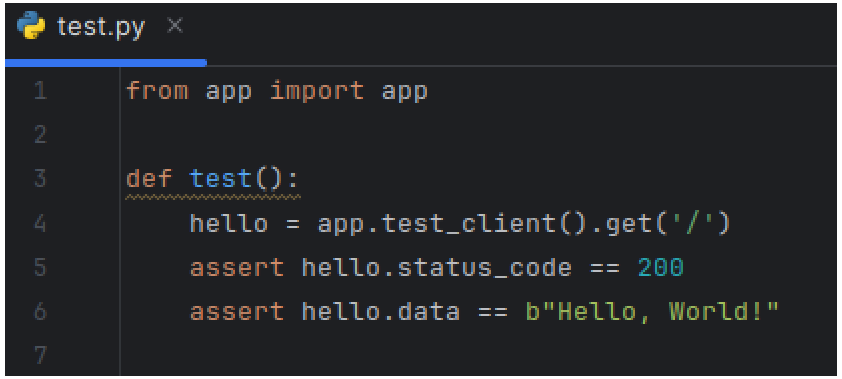
```
(venv) agata.prazmo@agata-Latitude-7390:~/Downloads/Studia/Git$ mkdir app
(venv) agata.prazmo@agata-Latitude-7390:~/Downloads/Studia/Git$ export FLASK_APP=microblog.py
```



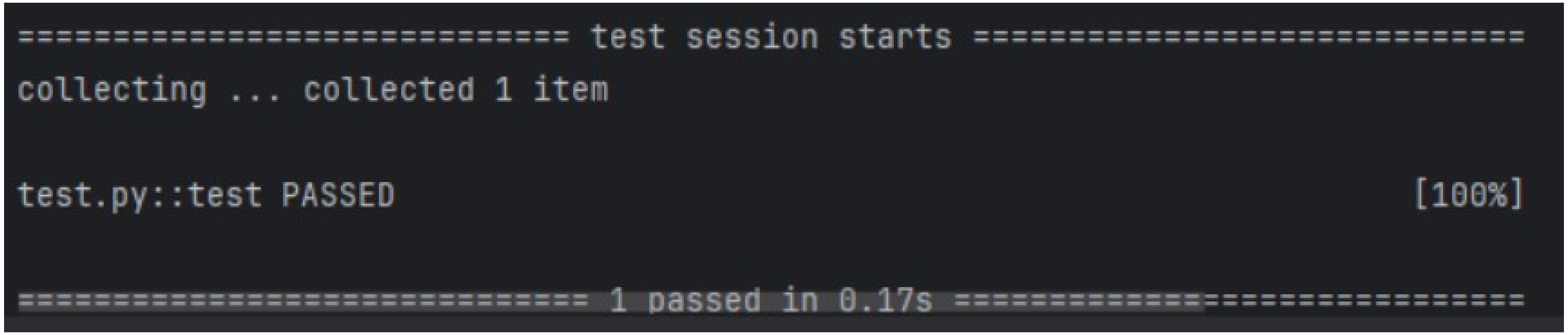
```
(venv) agata.prazmo@agata-Latitude-7390:~/Downloads/Studia/Git$ flask run
 * Serving Flask app 'microblog.py'
 * Debug mode: off
WARNING: This is a development server. Do not use it in a production deployment. Use a production WSGI server instead.
 * Running on http://127.0.0.1:5000
Press CTRL+C to quit
127.0.0.1 - - [04/Jun/2024 14:38:23] "GET / HTTP/1.1" 200 -
127.0.0.1 - - [04/Jun/2024 14:38:24] "GET /favicon.ico HTTP/1.1" 404 -
```



Hello, World!

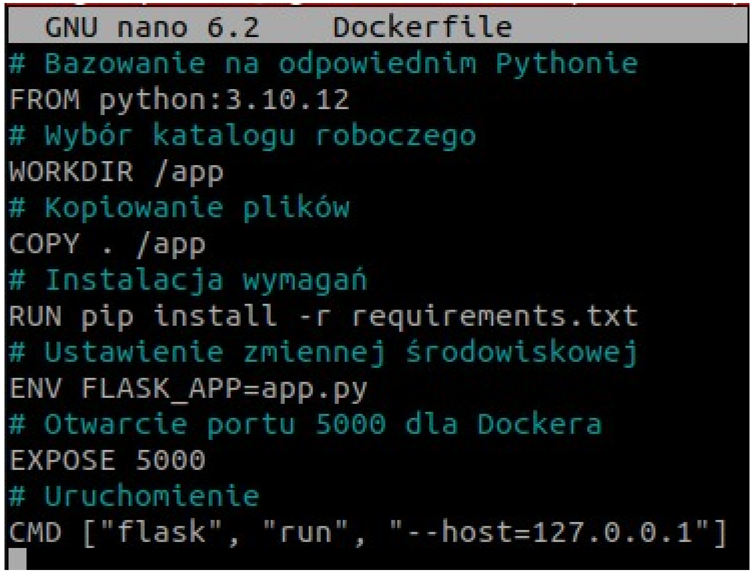


```python
from app import app

def test():
    hello = app.test_client().get('/')
    assert hello.status_code == 200
    assert hello.data == b"Hello, World!"

```

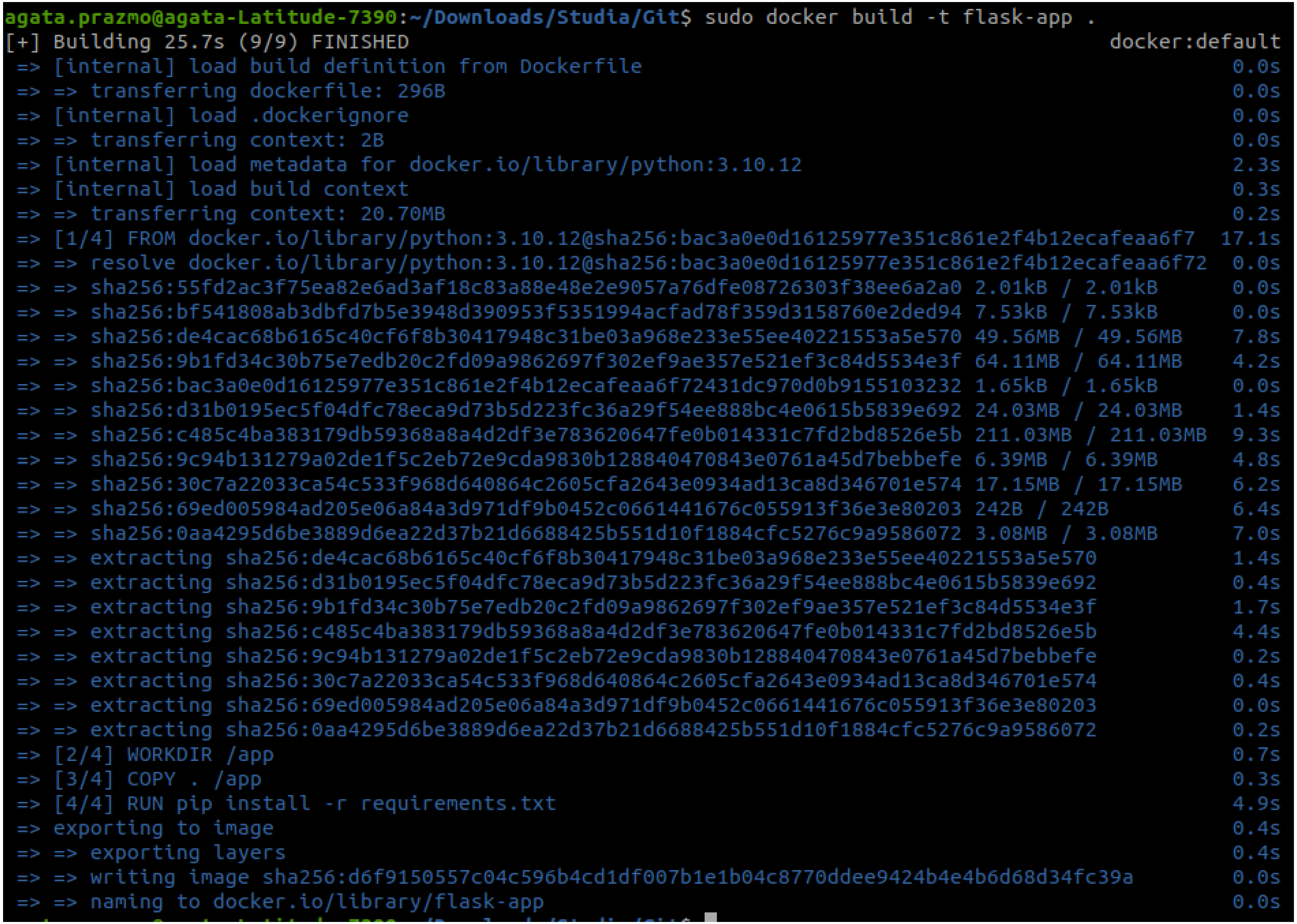


```
============================= test session starts ==============================
collecting ... collected 1 item

test.py::test PASSED                                                     [100%]

============================== 1 passed in 0.17s ===============================
```

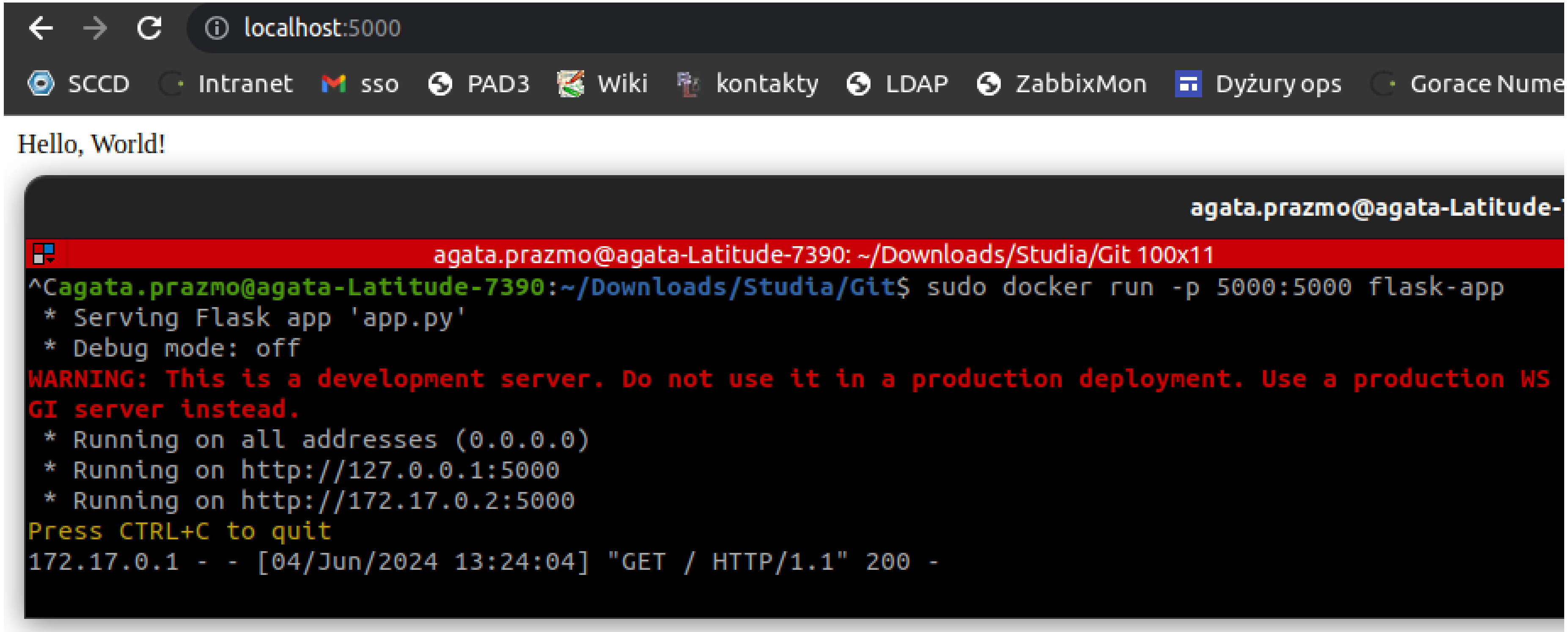
Zadanie 2.



```
  GNU nano 6.2     Dockerfile
# Bazowanie na odpowiednim Pythonie
FROM python:3.10.12
# Wybór katalogu roboczego
WORKDIR /app
# Kopiowanie plików
COPY . /app
# Instalacja wymagań
RUN pip install -r requirements.txt
# Ustawienie zmiennej środowiskowej
ENV FLASK_APP=app.py
# Otwarcie portu 5000 dla Dockera
EXPOSE 5000
# Uruchomienie
CMD ["flask", "run", "--host=127.0.0.1"]
```



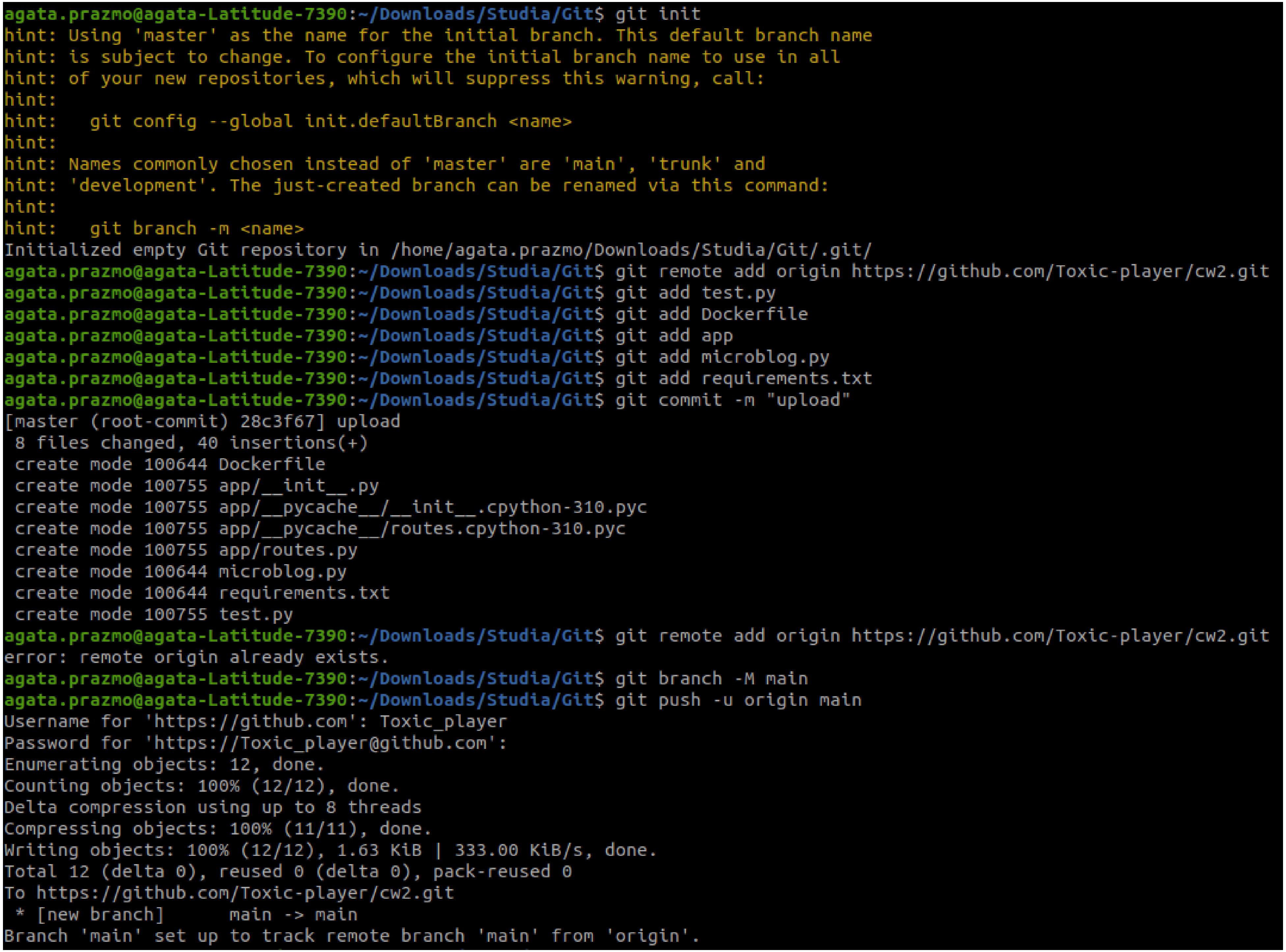
```
agata.prazmo@agata-Latitude-7390:~/Downloads/Studia/Git$ sudo docker build -t flask-app .
[+] Building 25.7s (9/9) FINISHED                                                         docker:default
 => [internal] load build definition from Dockerfile                                                0.0s
 => => transferring dockerfile: 296B                                                                0.0s
 => [internal] load .dockerignore                                                                   0.0s
 => => transferring context: 2B                                                                     0.0s
 => [internal] load metadata for docker.io/library/python:3.10.12                                   2.3s
 => [internal] load build context                                                                   0.3s
 => => transferring context: 20.70MB                                                                0.2s
 => [1/4] FROM docker.io/library/python:3.10.12@sha256:bac3a0e0d16125977e351c861e2f4b12ecafeaa6f7  17.1s
 => => resolve docker.io/library/python:3.10.12@sha256:bac3a0e0d16125977e351c861e2f4b12ecafeaa6f72  0.0s
 => => sha256:55fd2ac3f75ea82e6ad3af18c83a88e48e2e9057a76dfe08726303f38ee6a2a0 2.01kB / 2.01kB      0.0s
 => => sha256:bf541808ab3dbfd7b5e3948d390953f5351994acfad78f359d3158760e2ded94 7.53kB / 7.53kB      0.0s
 => => sha256:de4cac68b6165c40cf6f8b30417948c31be03a968e233e55ee40221553a5e570 49.56MB / 49.56MB    7.8s
 => => sha256:9b1fd34c30b75e7edb20c2fd09a9862697f302ef9ae357e521ef3c84d5534e3f 64.11MB / 64.11MB    4.2s
 => => sha256:bac3a0e0d16125977e351c861e2f4b12ecafeaa6f72431dc970d0b9155103232 1.65kB / 1.65kB      0.0s
 => => sha256:d31b0195ec5f04dfc78eca9d73b5d223fc36a29f54ee888bc4e0615b5839e692 24.03MB / 24.03MB    1.4s
 => => sha256:c485c4ba383179db59368a8a4d2df3e783620647fe0b014331c7fd2bd8526e5b 211.03MB / 211.03MB  9.3s
 => => sha256:9c94b131279a02de1f5c2eb72e9cda9830b128840470843e0761a45d7bebbefe 6.39MB / 6.39MB      4.8s
 => => sha256:30c7a22033ca54c533f968d640864c2605cfa2643e0934ad13ca8d346701e574 17.15MB / 17.15MB    6.2s
 => => sha256:69ed005984ad205e06a84a3d971df9b0452c0661441676c055913f36e3e80203 242B / 242B          6.4s
 => => sha256:0aa4295d6be3889d6ea22d37b21d6688425b551d10f1884cfc5276c9a9586072 3.08MB / 3.08MB      7.0s
 => => extracting sha256:de4cac68b6165c40cf6f8b30417948c31be03a968e233e55ee40221553a5e570           1.4s
 => => extracting sha256:d31b0195ec5f04dfc78eca9d73b5d223fc36a29f54ee888bc4e0615b5839e692           0.4s
 => => extracting sha256:9b1fd34c30b75e7edb20c2fd09a9862697f302ef9ae357e521ef3c84d5534e3f           1.7s
 => => extracting sha256:c485c4ba383179db59368a8a4d2df3e783620647fe0b014331c7fd2bd8526e5b           4.4s
 => => extracting sha256:9c94b131279a02de1f5c2eb72e9cda9830b128840470843e0761a45d7bebbefe           0.2s
 => => extracting sha256:30c7a22033ca54c533f968d640864c2605cfa2643e0934ad13ca8d346701e574           0.4s
 => => extracting sha256:69ed005984ad205e06a84a3d971df9b0452c0661441676c055913f36e3e80203           0.0s
 => => extracting sha256:0aa4295d6be3889d6ea22d37b21d6688425b551d10f1884cfc5276c9a9586072           0.2s
 => [2/4] WORKDIR /app                                                                              0.7s
 => [3/4] COPY . /app                                                                               0.3s
 => [4/4] RUN pip install -r requirements.txt                                                       4.9s
 => exporting to image                                                                              0.4s
 => => exporting layers                                                                             0.4s
 => => writing image sha256:d6f9150557c04c596b4cd1df007b1e1b04c8770ddee9424b4e4b6d68d34fc39a        0.0s
 => => naming to docker.io/library/flask-app                                                        0.0s
```


localhost:5000
SCCD
Intranet
sso
PAD3
Wiki
kontakty
LDAP
ZabbixMon
Dyżury ops
Gorace Nume
agata.prazmo@agata-Latitude-7
agata.prazmo@agata-Latitude-7390: ~/Downloads/Studia/Git 100x11

Hello, World!

```
^Cagata.prazmo@agata-Latitude-7390:~/Downloads/Studia/Git$ sudo docker run -p 5000:5000 flask-app
 * Serving Flask app 'app.py'
 * Debug mode: off
WARNING: This is a development server. Do not use it in a production deployment. Use a production WS
GI server instead.
 * Running on all addresses (0.0.0.0)
 * Running on http://127.0.0.1:5000
 * Running on http://172.17.0.2:5000
Press CTRL+C to quit
172.17.0.1 - - [04/Jun/2024 13:24:04] "GET / HTTP/1.1" 200 -
```

Z commitu niżej usunęłam później pycache.



```
agata.prazmo@agata-Latitude-7390:~/Downloads/Studia/Git$ git init
hint: Using 'master' as the name for the initial branch. This default branch name
hint: is subject to change. To configure the initial branch name to use in all
hint: of your new repositories, which will suppress this warning, call:
hint:
hint:   git config --global init.defaultBranch <name>
hint:
hint: Names commonly chosen instead of 'master' are 'main', 'trunk' and
hint: 'development'. The just-created branch can be renamed via this command:
hint:
hint:   git branch -m <name>
Initialized empty Git repository in /home/agata.prazmo/Downloads/Studia/Git/.git/
agata.prazmo@agata-Latitude-7390:~/Downloads/Studia/Git$ git remote add origin https://github.com/Toxic-player/cw2.git
agata.prazmo@agata-Latitude-7390:~/Downloads/Studia/Git$ git add test.py
agata.prazmo@agata-Latitude-7390:~/Downloads/Studia/Git$ git add Dockerfile
agata.prazmo@agata-Latitude-7390:~/Downloads/Studia/Git$ git add app
agata.prazmo@agata-Latitude-7390:~/Downloads/Studia/Git$ git add microblog.py
agata.prazmo@agata-Latitude-7390:~/Downloads/Studia/Git$ git add requirements.txt
agata.prazmo@agata-Latitude-7390:~/Downloads/Studia/Git$ git commit -m "upload"
[master (root-commit) 28c3f67] upload
 8 files changed, 40 insertions(+)
 create mode 100644 Dockerfile
 create mode 100755 app/__init__.py
 create mode 100755 app/__pycache__/__init__.cpython-310.pyc
 create mode 100755 app/__pycache__/routes.cpython-310.pyc
 create mode 100755 app/routes.py
 create mode 100644 microblog.py
 create mode 100644 requirements.txt
 create mode 100755 test.py
agata.prazmo@agata-Latitude-7390:~/Downloads/Studia/Git$ git remote add origin https://github.com/Toxic-player/cw2.git
error: remote origin already exists.
agata.prazmo@agata-Latitude-7390:~/Downloads/Studia/Git$ git branch -M main
agata.prazmo@agata-Latitude-7390:~/Downloads/Studia/Git$ git push -u origin main
Username for 'https://github.com': Toxic_player
Password for 'https://Toxic_player@github.com':
Enumerating objects: 12, done.
Counting objects: 100% (12/12), done.
Delta compression using up to 8 threads
Compressing objects: 100% (11/11), done.
Writing objects: 100% (12/12), 1.63 KiB | 333.00 KiB/s, done.
Total 12 (delta 0), reused 0 (delta 0), pack-reused 0
To https://github.com/Toxic-player/cw2.git
 * [new branch]      main -> main
Branch 'main' set up to track remote branch 'main' from 'origin'.
```