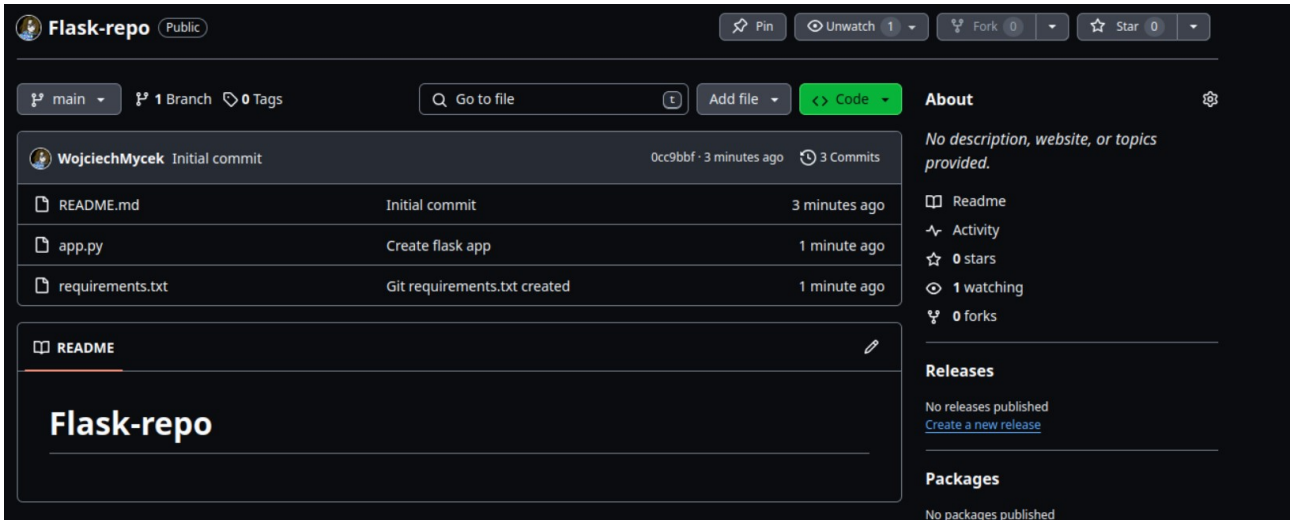
1. Utworzenie repo na githubie



2. Sklonowanie repo lokalnie I utworzenie wcześniej zdefiniowanych plików:

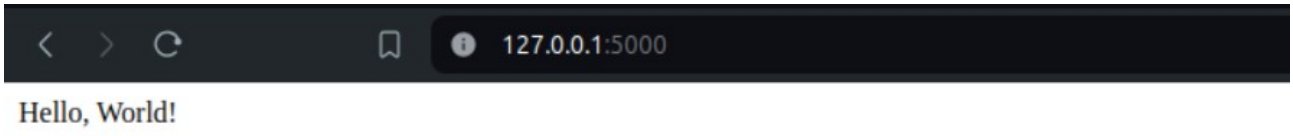
```
wojtek@wojtek-ThinkPad-T480:~/Desktop/GitHub/Flask/Flask-repo$ ls -lah
total 24K
drwxrwxr-x 3 wojtek wojtek 4.0K Jun  4 19:17 .
drwxrwxr-x 3 wojtek wojtek 4.0K Jun  4 19:15 ..
-rw-rw-r-- 1 wojtek wojtek  163 Jun  4 19:16 app.py
drwxrwxr-x 8 wojtek wojtek 4.0K Jun  4 19:19 .git
-rw-rw-r-- 1 wojtek wojtek   12 Jun  4 19:15 README.md
-rw-rw-r-- 1 wojtek wojtek 2.0K Jun  4 19:17 requirements.txt
wojtek@wojtek-ThinkPad-T480:~/Desktop/GitHub/Flask/Flask-repo$
```

Repo zostało sklonowane do katologu lokalnego na maszynie. Aby to osiągnąć została dodana para kluczy SSH na GitHub, aby umożliwić bezproblemowo sklonowanie go.

3. Działanie aplikacji flask:

```
wojtek@wojtek-ThinkPad-T480:~/Desktop/GitHub/Flask/Flask-repo$ python3 app.py
 * Serving Flask app 'app'
 * 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: 158-879-459
```

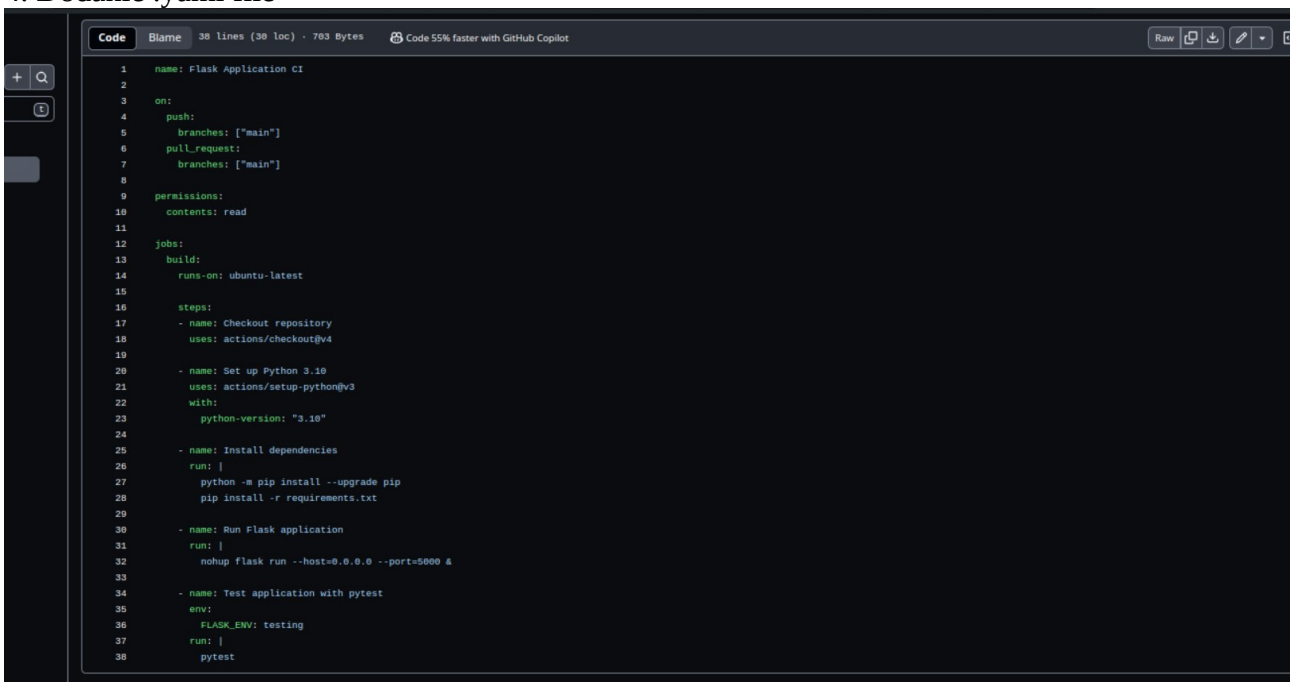
Widok z przeglądarki:



Hello, World!

Hello World jest widocznie na stronie

4. Dodanie .yaml file



https://github.com/WojciechMycek/Flask-repo/blob/main/.github/workflows/python-app.yml

5. Utworzenie DockerFile

```
FROM python:3.10-slim

ENV PYTHONUNBUFFERED=1

WORKDIR /app

COPY requirements.txt .

RUN pip install --no-cache-dir -r requirements.txt

COPY . .

EXPOSE 5000

CMD ["gunicorn", "--bind", "0.0.0.0:5000", "app:app"]
```

Budowanie obrazu:

Efekt:

Hello, World!

```
            https://docs.docker.com/go/buildx/

Sending build context to Docker daemon  144.9kB
Step 1/8 : FROM python:3.10-slim
 ---> 61b0911887c0
Step 2/8 : ENV PYTHONUNBUFFERED=1
 ---> Using cache
 ---> 9422bb28baf0
Step 3/8 : WORKDIR /app
 ---> Using cache
 ---> d9e7eb9a702a
Step 4/8 : COPY requirements.txt .
 ---> Using cache
 ---> e6795336219c
Step 5/8 : RUN pip install --no-cache-dir -r requirements.txt
 ---> Using cache
 ---> 479ad2f10a14
Step 6/8 : COPY . .
 ---> Using cache
 ---> 1c9fbaa0dc55
Step 7/8 : EXPOSE 5000
 ---> Using cache
 ---> ef774bedfa11
Step 8/8 : CMD ["gunicorn", "--bind", "0.0.0.0:5000", "app:app"]
 ---> Using cache
 ---> 0638548f40db
Successfully built 0638548f40db
Successfully tagged flask-app:latest
```