

## Sprawozdanie numer 1:

- Sklonuj repozytorium na swój komputer `git clone <adres-repozytorium>`

```
student@ubuntu224-37:~/Desktop/zadanie1$ git clone https://github.com/mwidera/iac-labs.git
Cloning into 'iac-labs'...
remote: Enumerating objects: 336, done.
remote: Counting objects: 100% (24/24), done.
remote: Compressing objects: 100% (11/11), done.
remote: Total 336 (delta 20), reused 13 (delta 13), pack-reused 312 (from 1)
Receiving objects: 100% (336/336), 7.28 MiB | 20.94 MiB/s, done.
Resolving deltas: 100% (74/74), done.
```

- Przejdź do katalogu `example-app`

```
student@ubuntu224-37:~/Desktop/zadanie1/iac-labs$ cd example-app/
student@ubuntu224-37:~/Desktop/zadanie1/iac-labs/example-app$ curl -sSL https://install.python-poetry.org | python3 -
```

- Zainstaluj poetry poleceniem: `curl -sSL https://install.python-poetry.org | python3 -`

Niestety domyślna instalacja komenda nie działa poprawnie, przed wykonaniem komendy zaleca się następująco:

```
student@ubuntu224-37:~/Desktop/zadanie1/iac-labs/example-app$ pip install virtualenv==20.23.0
```

```
student@ubuntu224-37:~/Desktop/zadanie1/iac-labs/example-app$ sudo apt install python3-pip
```

```
student@ubuntu224-37:~/Desktop/zadanie1/iac-labs/example-app$ python3 -m venv .venv
```

```
student@ubuntu224-37:~/Desktop/zadanie1/iac-labs/example-app$ sudo curl -sSL https://install.python-poetry.org | python3
```

- Dodaj poetry do ścieżki systemowej: `export PATH=$PATH:$HOME/.local/bin`
- Upewnij się, że poetry działa prawidłowo `poetry debug info`

```

student@ubuntu224-37:~/Desktop/zadanie1/iac-labs/example-app$ poetry --version
poetry: command not found
student@ubuntu224-37:~/Desktop/zadanie1/iac-labs/example-app$ export PATH=$PATH:$HOME/.local/
student@ubuntu224-37:~/Desktop/zadanie1/iac-labs/example-app$ poetry debug info

Poetry
Version: 1.8.5
Python: 3.8.10

Virtualenv
Python: 3.8.10
Implementation: CPython
Path: /home/student/Desktop/zadanie1/iac-labs/example-app/.venv
Executable: /home/student/Desktop/zadanie1/iac-labs/example-app/.venv/bin/python
Valid: True

Base
Platform: linux
OS: posix
Python: 3.8.10
Path: /usr
Executable: /usr/bin/python3.8

```

Domyślnie na VM jest python 3.8. Została przeprowadzona operacja pozwalająca na podbicie jego wersji:

```

Virtualenv
Python: 3.13.1
Implementation: CPython
Path: /home/student/Desktop/zadanie1/iac-labs/example-app/.venv
Executable: /home/student/Desktop/zadanie1/iac-labs/example-app/.venv/bin/python
Valid: True

Base
Platform: linux
OS: posix
Python: 3.13.1
Path: /usr
Executable: /usr/bin/python3.13
student@ubuntu224-37:~/Desktop/zadanie1/iac-labs/example-app$ poetry install --no-root
Installing dependencies from lock file

```

- Wykonaj polecenie `poetry install --no-root` w celu instalacji zależności projektowych

```

student@ubuntu224-37:~/Desktop/zadanie1/iac-labs/example-app$ poetry install --no-root
Installing dependencies from lock file

Package operations: 68 installs, 0 updates, 0 removals

- Installing attrs (24.2.0)
- Installing markupsafe (3.0.2)
- Installing rpds-py (0.21.0)
- Installing blinker (1.9.0)
- Installing click (8.1.7)
- Installing itsdangerous (2.2.0)
- Installing jinja2 (3.1.4)
- Installing mdurl (0.1.2)
- Installing referencing (0.35.1)
- Installing typing-extensions (4.12.2)
- Installing werkzeug (3.1.3)
- Installing flask (3.0.3)
- Installing jsonschema-specifications (2024.10.1)
- Installing mako (1.3.6)
- Installing markdown-it-py (3.0.0)
- Installing pbr (6.1.0)
- Installing ply (3.11)
- Installing pygments (2.18.0)
- Installing sqlalchemy (2.0.36)
- Installing alembic (1.14.0)
- Installing aniso8601 (9.0.1)
- Installing astroid (3.3.5)
- Installing colorama (0.4.6)
- Installing dill (0.3.9)
- Installing dnspython (2.7.0)
- Installing flask-sqlalchemy (3.1.1)
- Installing htmlminf (0.1.13)
- Installing idna (3.10)
- Installing importlib-resources (6.4.5)
- Installing iniconfig (2.0.0)
- Installing isort (5.13.2)
- Installing jsmin (3.0.1)
- Installing jsonschema (4.23.0)
- Installing lesscpy (0.15.1)
- Installing mccabe (0.7.0)
- Installing mypy-extensions (1.0.0)
- Installing packaging (24.2)
- Installing pathspec (0.12.1)
- Installing platformdirs (4.3.6)
- Installing pluggy (1.5.0)
- Installing psutil (5.9.8)
- Installing pycodestyle (2.12.1)
- Installing pyflakes (3.2.0)
- Installing pytz (2024.2)

```

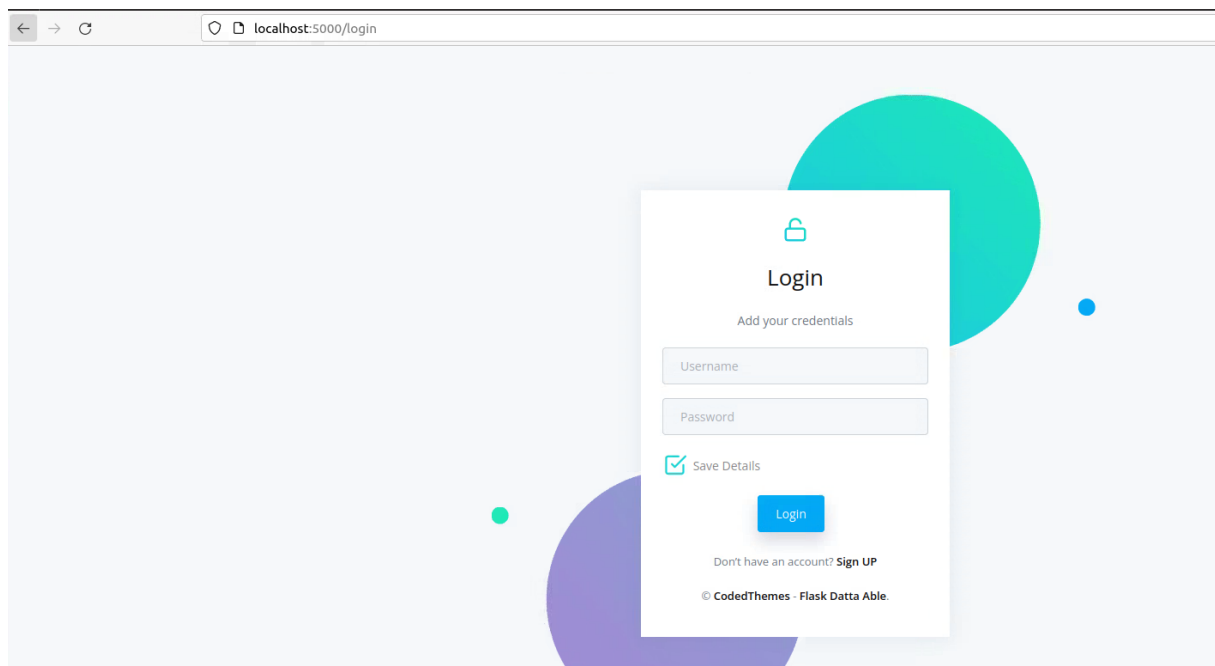
- Uruchom projekt poleceniem `poetry run task local`

```

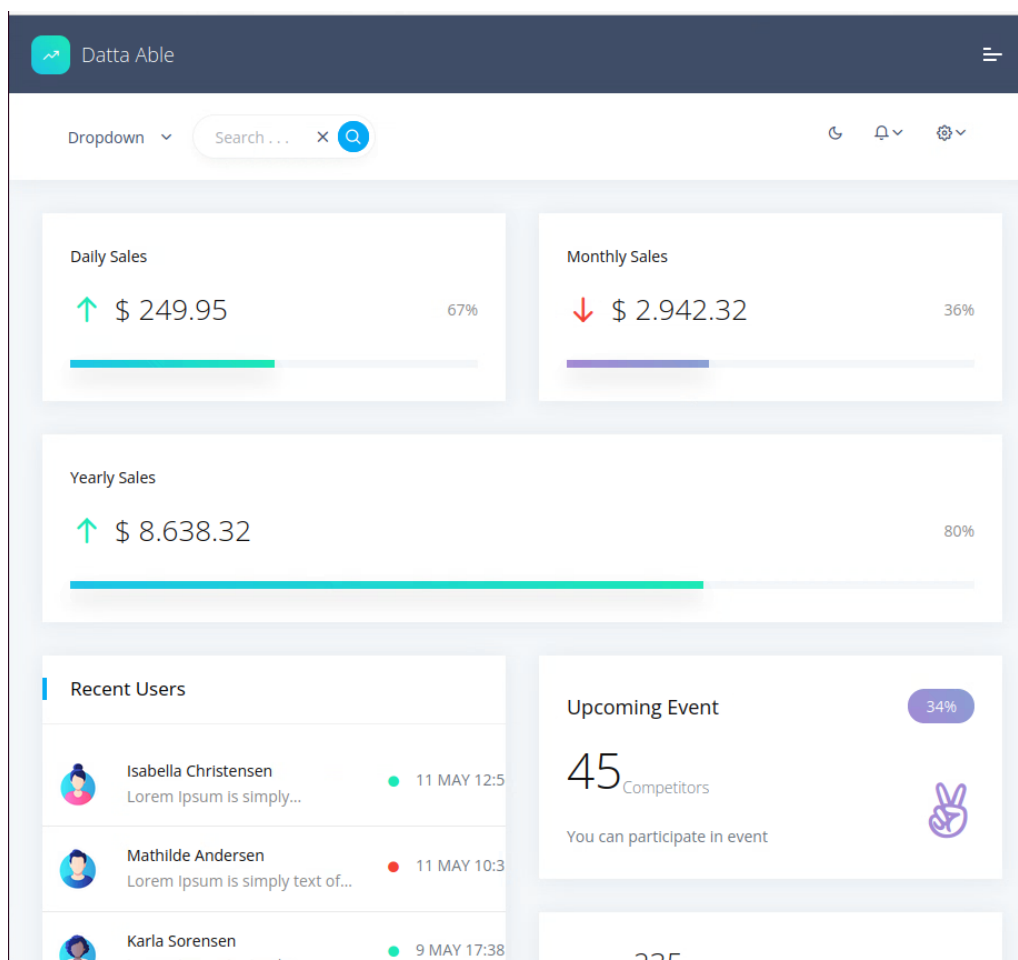
student@ubuntu224-37:~/Desktop/zadanie1/iac-labs/example-app$ poetry run task local
[2024-12-08 13:48:19,033] INFO in run: DEBUG = True
[2024-12-08 13:48:19,034] INFO in run: Page Compression = FALSE
[2024-12-08 13:48:19,034] INFO in run: DBMS = sqlite:///home/student/Desktop/zadanie1/iac-labs/example-app/apps/db.sqlite3
[2024-12-08 13:48:19,034] INFO in run: ASSETS_ROOT = /static/assets
* Serving Flask app 'apps'
* 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
[2024-12-08 13:48:19,720] INFO in run: DEBUG = True
[2024-12-08 13:48:19,721] INFO in run: Page Compression = FALSE
[2024-12-08 13:48:19,721] INFO in run: DBMS = sqlite:///home/student/Desktop/zadanie1/iac-labs/example-app/apps/db.sqlite3
[2024-12-08 13:48:19,721] INFO in run: ASSETS_ROOT = /static/assets
* Debugger is active!
* Debugger PIN: 100-719-251
127.0.0.1 - - [08/Dec/2024 13:48:20] "GET / HTTP/1.1" 302 -
127.0.0.1 - - [08/Dec/2024 13:48:20] "GET /login HTTP/1.1" 200 -
127.0.0.1 - - [08/Dec/2024 13:48:20] "GET /static/assets/css/style.css HTTP/1.1" 200 -
127.0.0.1 - - [08/Dec/2024 13:48:20] "GET /static/assets/css/dark.css HTTP/1.1" 200 -
127.0.0.1 - - [08/Dec/2024 13:48:20] "GET /static/assets/plugins/animation/css/animate.min.css HTTP/1.1" 200 -
127.0.0.1 - - [08/Dec/2024 13:48:20] "GET /static/assets/fonts/fontawesome/css/fontawesome-all.min.css HTTP/1.1" 200 -
127.0.0.1 - - [08/Dec/2024 13:48:20] "GET /static/assets/plugins/bootstrap/js/bootstrap.min.js HTTP/1.1" 200 -
127.0.0.1 - - [08/Dec/2024 13:48:20] "GET /static/assets/js/vendor-all.min.js HTTP/1.1" 200 -
127.0.0.1 - - [08/Dec/2024 13:48:20] "GET /static/assets/js/pcoded.min.js HTTP/1.1" 200 -
127.0.0.1 - - [08/Dec/2024 13:48:20] "GET /static/assets/js/dark-mode.js HTTP/1.1" 200 -
127.0.0.1 - - [08/Dec/2024 13:48:20] "GET /static/assets/plugins/jquery-scrollbar/css/jquery.scrollbar.min.css HTTP/1.1" 200 -
127.0.0.1 - - [08/Dec/2024 13:48:20] "GET /static/assets/fonts/feather/css/feather.css HTTP/1.1" 200 -
127.0.0.1 - - [08/Dec/2024 13:48:20] "GET /static/assets/fonts/datta/datta-icon.css HTTP/1.1" 200 -
127.0.0.1 - - [08/Dec/2024 13:48:20] "GET /static/assets/plugins/bootstrap/css/bootstrap.min.css HTTP/1.1" 200 -
127.0.0.1 - - [08/Dec/2024 13:48:20] "GET /static/assets/fonts/feather/fonts/feather.woff?t=1501841394106 HTTP/1.1" 200 -
127.0.0.1 - - [08/Dec/2024 13:48:20] "GET /static/assets/images/favicon.ico HTTP/1.1" 200 -

```

- Przejdź do adresu `http://localhost:5000` w przeglądarce



- Zaloguj się z wykorzystaniem utworzonego konta



Testy:

```
^Cstudent@ubuntu224-37:~/Desktop/zadanie1/iac-labs/example-app$ poetry run task test
===== test session starts =====
platform linux -- Python 3.13.1, pytest-8.3.3, pluggy-1.5.0
rootdir: /home/student/Desktop/zadanie1/iac-labs/example-app
configfile: pyproject.toml
collected 1 item

tests/test_true.py . [100%]

===== 1 passed in 0.02s =====
student@ubuntu224-37:~/Desktop/zadanie1/iac-labs/example-app$ poetry run task lint
-----
Your code has been rated at 10.00/10

student@ubuntu224-37:~/Desktop/zadanie1/iac-labs/example-app$ poetry run task formatter
All done! 🌟📦🌟
9 files would be left unchanged.
student@ubuntu224-37:~/Desktop/zadanie1/iac-labs/example-app$ poetry run task security
[main] INFO    profile include tests: None
[main] INFO    profile exclude tests: None
[main] INFO    cli include tests: None
[main] INFO    cli exclude tests: None
[main] INFO    running on Python 3.13.1
Run started:2024-12-08 12:57:28.752521

Test results:
    No issues identified.

Code scanned:
    Total lines of code: 245
    Total lines skipped (#nosec): 0

Run metrics:
    Total issues (by severity):
        Undefined: 0
        Low: 0
        Medium: 0
        High: 0
    Total issues (by confidence):
        Undefined: 0
        Low: 0
        Medium: 0
        High: 0
Files skipped (0):
student@ubuntu224-37:~/Desktop/zadanie1/iac-labs/example-app$
```

- Wyszukaj ze zbioru gotowych rozwiązań workflow "python application" i stwórz go



← Python application

## Update python-app.yml #5

Summary

Jobs

- build

Run details

Usage

Workflow file

### Annotations

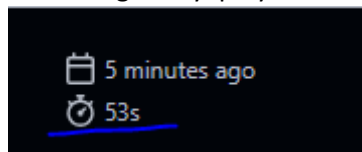
1 warning

### build

succeeded 3 minutes ago in 44s

- Set up job
- Run actions/checkout@v4
- Set up Python 3.13
- Install dependencies
- Poetry Testing
- Post Set up Python 3.13
- Post Run actions/checkout@v4
- Complete job

Ile czasu git zużył przy tworzeniu środowiska?



Jaki jest limit miesięczny dla darmowego konta?

2000 minut na miesiąc.

WojciechMysek / iac-labs

Code Pull requests Actions Projects Wiki Security Insights Settings

## Update python-app.yml #21

Re-run all jobs

Triggered via push 2 minutes ago

WojciechMysek pushed → 0fab0af main

Status: Success

Total duration: 2m 6s

Artifacts: -

### python-app.yml on: push

build 31s task\_lint 40s task\_formatart 31s security 32s test 31s

### Annotations

5 warnings

- build ubuntu-latest pipelines will use ubuntu-24.04 soon. For more details, see <https://github.com/actions/runner-images/issues/18636>
- task\_formatart ubuntu-latest pipelines will use ubuntu-24.04 soon. For more details, see <https://github.com/actions/runner-images/issues/18636>
- security ubuntu-latest pipelines will use ubuntu-24.04 soon. For more details, see <https://github.com/actions/runner-images/issues/18636>
- task\_lint ubuntu-latest pipelines will use ubuntu-24.04 soon. For more details, see <https://github.com/actions/runner-images/issues/18636>

[iac-labs/.github/workflows/python-app.yml at main · WojciechMycek/iac-labs](#)