Лабораторная работа №7:

1. Клонирование репозитория

```
PS C:\Users\sambu\OneDrive\Рабочий стол\Учеба в Герцена\III курс\Программирование Python, 3 курс\ЛР-7> git clone https://github.com/A1adriel/counter-deploy
Cloning into 'counter-deploy'...
remote: Enumerating objects: 108, done.
remote: Counting objects: 100% (108/108), done.
remote: Compressing objects: 100% (80/80), done.
remote: Total 108 (delta 44), reused 28 (delta 6), pack-reused 0 (from 0)
Receiving objects: 100% (108/108), 32.54 KiB | 1.30 MiB/s, done.
Resolving deltas: 100% (44/44), done.
PS C:\Users\sambu\OneDrive\Рабочий стол\Учеба в Герцена\III курс\Программирование Python, 3 курс\ЛР-7>
```

2. Установка зависимостей

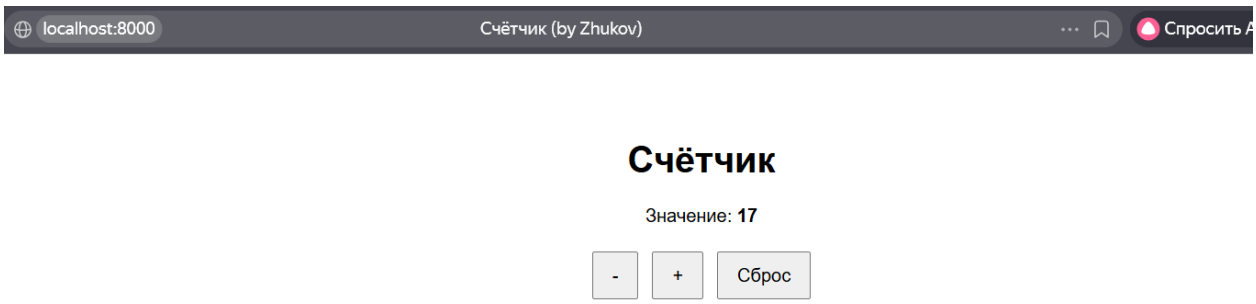
```
PS C:\Users\sambu\OneDrive\Рабочий стол\Учеба в Герцена\III курс\Программирование Python, 3 курс\ЛР-7\counter-deploy\backend> pip install -r requirements.txt
Collecting Flask==2.2.5 (from -r requirements.txt (line 1))
  Downloading Flask-2.2.5-py3-none-any.whl.metadata (3.9 kB)
Collecting gunicorn==20.1.0 (from -r requirements.txt (line 2))
  Downloading gunicorn-20.1.0-py3-none-any.whl.metadata (3.8 kB)
Collecting redis==4.6.0 (from -r requirements.txt (line 3))
  Downloading redis-4.6.0-py3-none-any.whl.metadata (8.3 kB)
Collecting Flask-Cors==3.0.10 (from -r requirements.txt (line 4))
  Downloading Flask_Cors-3.0.10-py2.py3-none-any.whl.metadata (5.4 kB)
Collecting python-dotenv==1.0.0 (from -r requirements.txt (line 5))
  Downloading python_dotenv-1.0.0-py3-none-any.whl.metadata (21 kB)
Collecting requests==2.31.0 (from -r requirements.txt (line 6))
  Downloading requests-2.31.0-py3-none-any.whl.metadata (4.6 kB)
Collecting Werkzeug>=2.2.2 (from Flask==2.2.5->-r requirements.txt (line 1))
  Using cached werkzeug-3.1.4-py3-none-any.whl.metadata (4.0 kB)
```

```
Downloading Flask-2.2.5-py3-none-any.whl (101 kB)
Downloading gunicorn-20.1.0-py3-none-any.whl (79 kB)
Downloading redis-4.6.0-py3-none-any.whl (241 kB)
Downloading Flask_Cors-3.0.10-py2.py3-none-any.whl (14 kB)
Downloading python_dotenv-1.0.0-py3-none-any.whl (19 kB)
Downloading requests-2.31.0-py3-none-any.whl (62 kB)
Using cached werkzeug-3.1.4-py3-none-any.whl (224 kB)
Installing collected packages: Werkzeug, requests, redis, python-dotenv, gunicorn, Flask, Flask-Cors
  Attempting uninstall: Werkzeug
    Found existing installation: Werkzeug 2.0.3
    Uninstalling Werkzeug-2.0.3:
      Successfully uninstalled Werkzeug-2.0.3
  Attempting uninstall: requests
    Found existing installation: requests 2.32.3
    Uninstalling requests-2.32.3:
      Successfully uninstalled requests-2.32.3
  Attempting uninstall: Flask
    Found existing installation: Flask 2.0.3
    Uninstalling Flask-2.0.3:
      Successfully uninstalled Flask-2.0.3
Successfully installed Flask-2.2.5 Flask-Cors-3.0.10 Werkzeug-3.1.4 gunicorn-20.1.0 python-dotenv-1.0.0 redis-4.6.0 requests-2.31.0
PS C:\Users\sambu\OneDrive\Рабочий стол\Учеба в Герцена\III курс\Программирование Python, 3 курс\ЛР-7\counter-deploy\backend>
```

3. Запуск программы

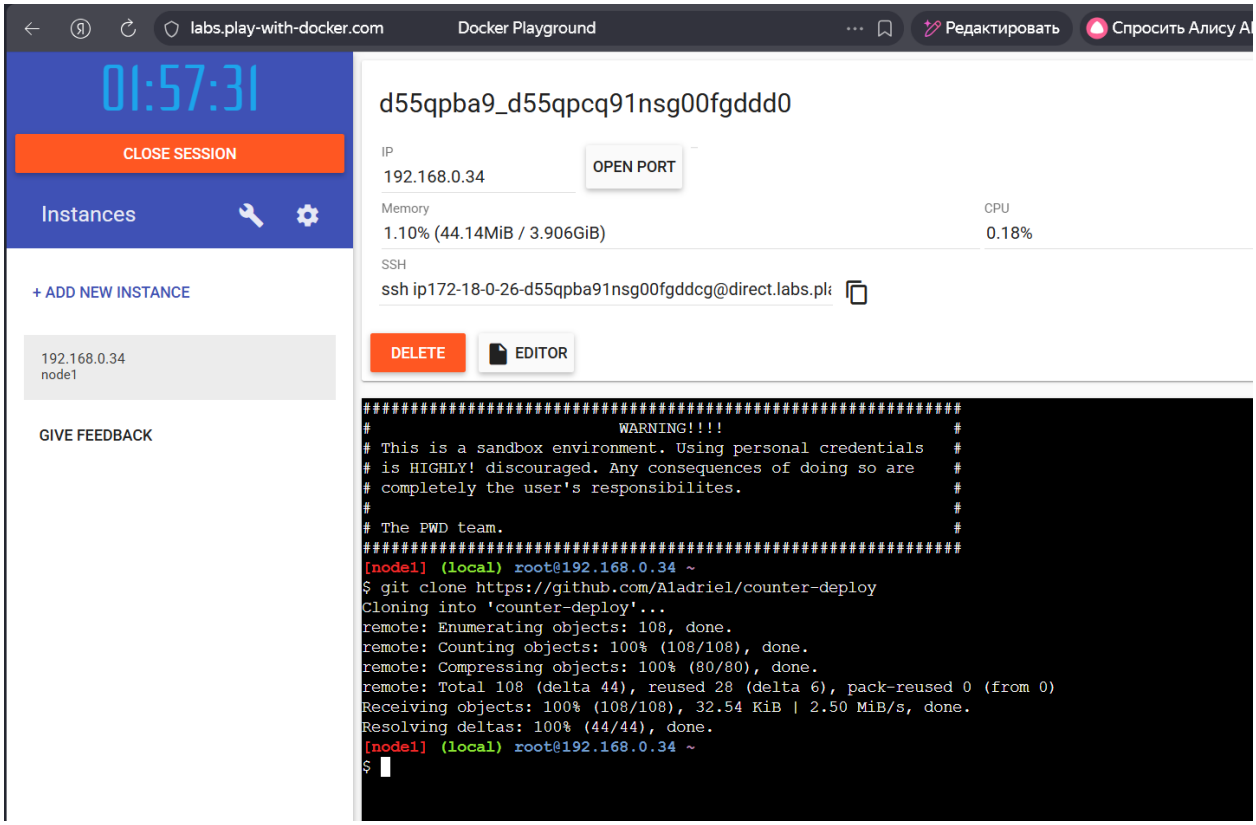
```
PS C:\Users\sambu\OneDrive\Рабочий стол\Учеба в Герцена\III курс\Программирование Python, 3 курс\ЛР-7\counter-deploy> docker compose up --build
Compose can now delegate builds to bake for better performance.
 To do so, set COMPOSE_BAKE=true.
[+] Building 1.8s (22/22) FINISHED                                                                                     doc
```

```
[+] Running 3/3
 ✓ app                              Built
 ✓ Container counter-deploy-redis-1 Created
 ✓ Container counter-deploy-app-1   Recreated
Attaching to app-1, redis-1
```

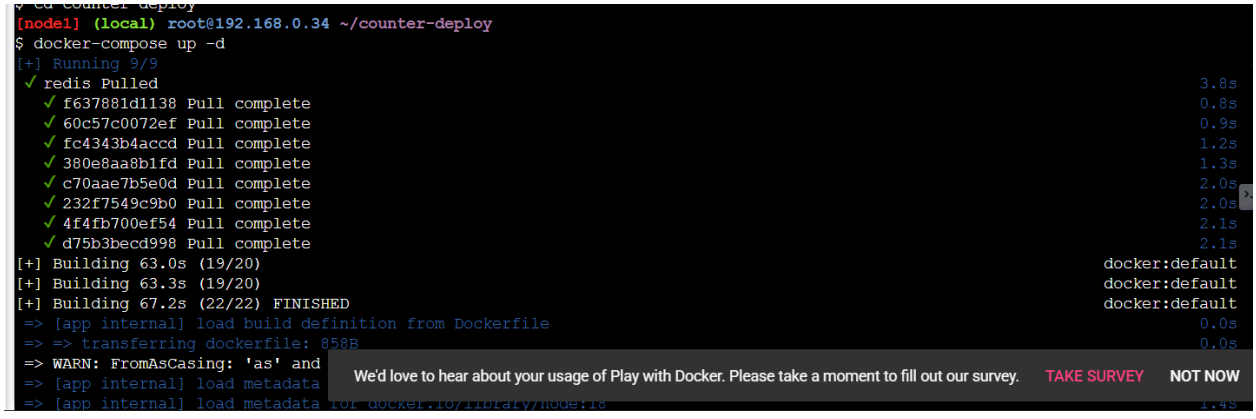


Запуск приложения на Play with docker

1. Клонирование репозитория



2. Запуск программы



Счётчик

Значение: **6**

- + Сброс