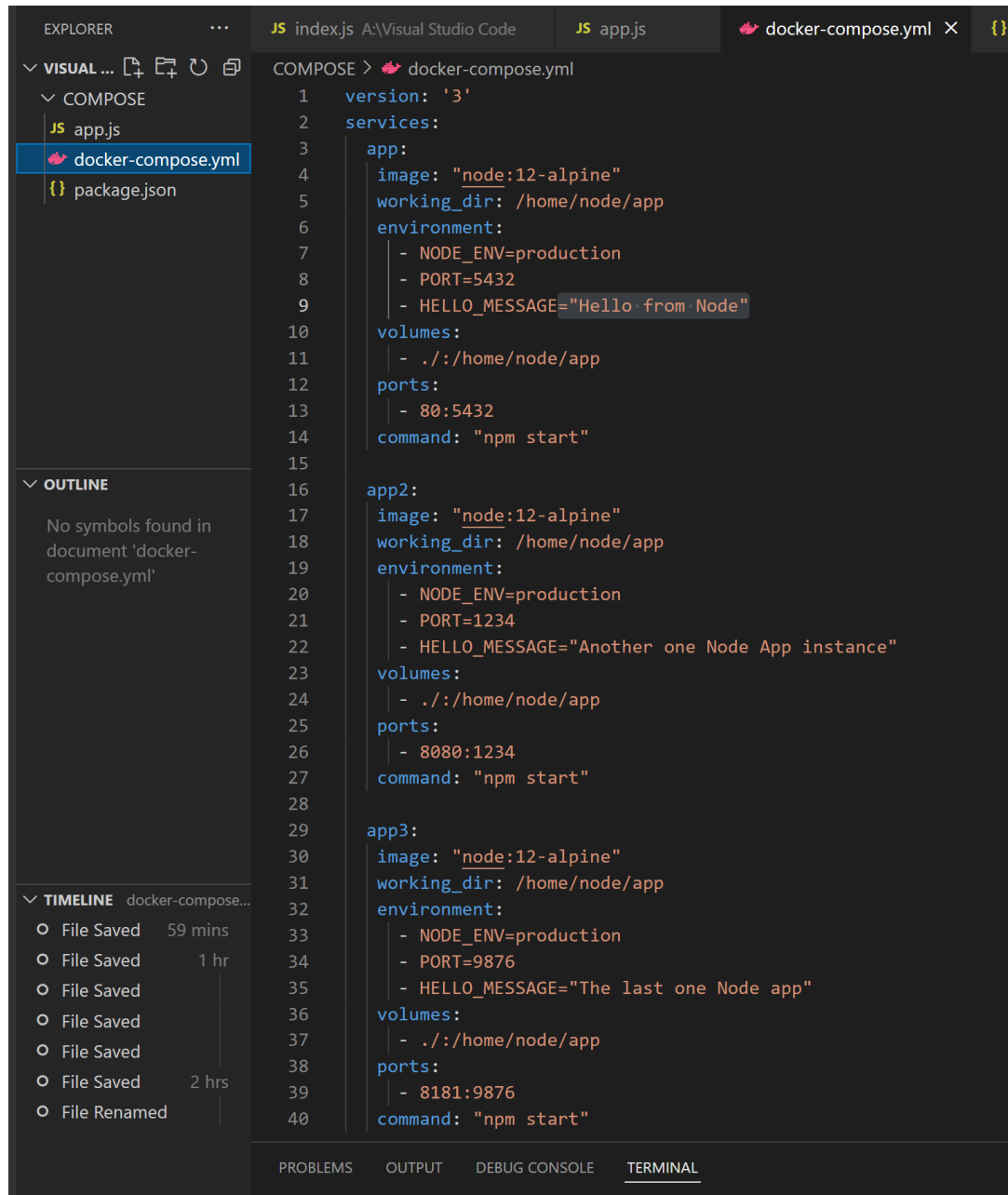Создано приложение, затем составлен docker-compose файл для 3 экземпляров приложения. Каждый из них расположен на отдельном порту и с собственным Pong-ответом:

```yaml
version: '3'
services:
  app:
    image: "node:12-alpine"
    working_dir: /home/node/app
    environment:
      - NODE_ENV=production
      - PORT=5432
      - HELLO_MESSAGE="Hello from Node"
    volumes:
      - ./:/home/node/app
    ports:
      - 80:5432
    command: "npm start"

  app2:
    image: "node:12-alpine"
    working_dir: /home/node/app
    environment:
      - NODE_ENV=production
      - PORT=1234
      - HELLO_MESSAGE="Another one Node App instance"
    volumes:
      - ./:/home/node/app
    ports:
      - 8080:1234
    command: "npm start"

  app3:
    image: "node:12-alpine"
    working_dir: /home/node/app
    environment:
      - NODE_ENV=production
      - PORT=9876
      - HELLO_MESSAGE="The last one Node app"
    volumes:
      - ./:/home/node/app
    ports:
      - 8181:9876
    command: "npm start"
```

```
Docker Compose is now in the Docker CLI, try `docker compose`
PS A:\VSC_Projects\COMPOSE> docker-compose up -d
Creating network "compose_default" with the default driver
Creating compose_app2_1 ... done
Creating compose_app3_1 ... done
Creating compose_app_1  ... done
PS A:\VSC_Projects\COMPOSE> docker-compose ps
      Name                    Command              State             Ports
--------------------------------------------------------------------------------------
compose_app2_1    docker-entrypoint.sh npm start    Up       0.0.0.0:8080->1234/tcp
compose_app3_1    docker-entrypoint.sh npm start    Up       0.0.0.0:8181->9876/tcp
compose_app_1     docker-entrypoint.sh npm start    Up       0.0.0.0:80->5432/tcp
PS A:\VSC_Projects\COMPOSE>
```
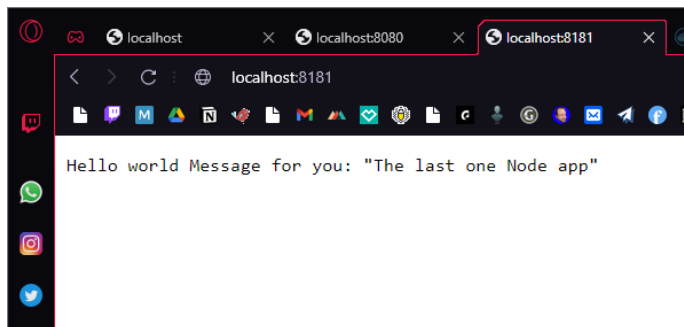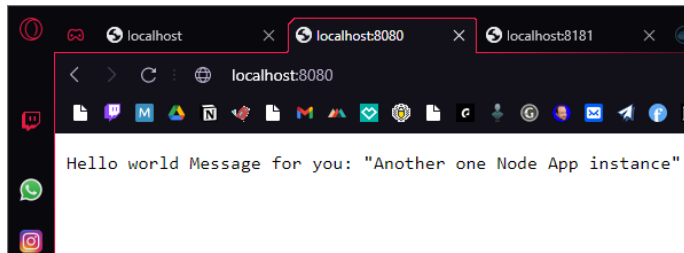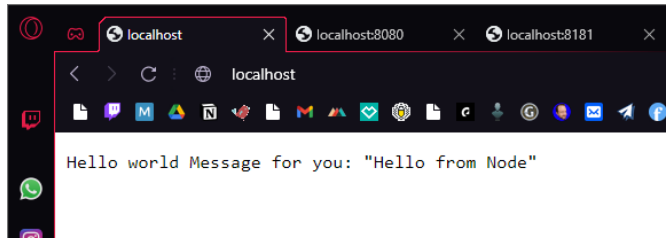
И в браузере можно увидеть результат.

Затем был сделан docker push.

```
PS A:\VSC_Projects\COMPOSE> docker tag compose_app2_1 fred3110/compose_app2_1
Error response from daemon: No such image: compose_app2_1:latest
PS A:\VSC_Projects\COMPOSE> docker tag node fred3110/node
Error response from daemon: No such image: node:latest
PS A:\VSC_Projects\COMPOSE> docker tag node:12-alpine fred3110/node:12-alpine
PS A:\VSC_Projects\COMPOSE> docker push fred3110/node:12-alpine
The push refers to repository [docker.io/fred3110/node]
7f30cde3f699: Mounted from library/node
fe810f5902cc: Mounted from library/node
dfd8c046c602: Mounted from library/node
4fc242d58285: Mounted from library/node
12-alpine: digest: sha256:4517380049fc3c9aacceae7764fcf3500354b0ac8a47e4afb35b5bbeb75b9498 size: 1158
PS A:\VSC_Projects\COMPOSE> docker-compose down
Stopping compose_app3_1 ... done
Stopping compose_app2_1 ... done
Stopping compose_app_1  ... done
Removing compose_app3_1 ... done
```

Ссылка на мой docker контейнер: https://hub.docker.com/r/fred3110/node