Лабораторная работа №2. Paбота с Docker.

Дриневский Кирилл гр.253502. Penosumopuй: https://github.com/Drinevskiy/IGI-STRWEB.git

2. Изучите простейшие консольные команды и возможности Docker Desktop (см. лекцию), создать собственный контейнер docker/getting-started, открыть в браузере и изучить tutorial

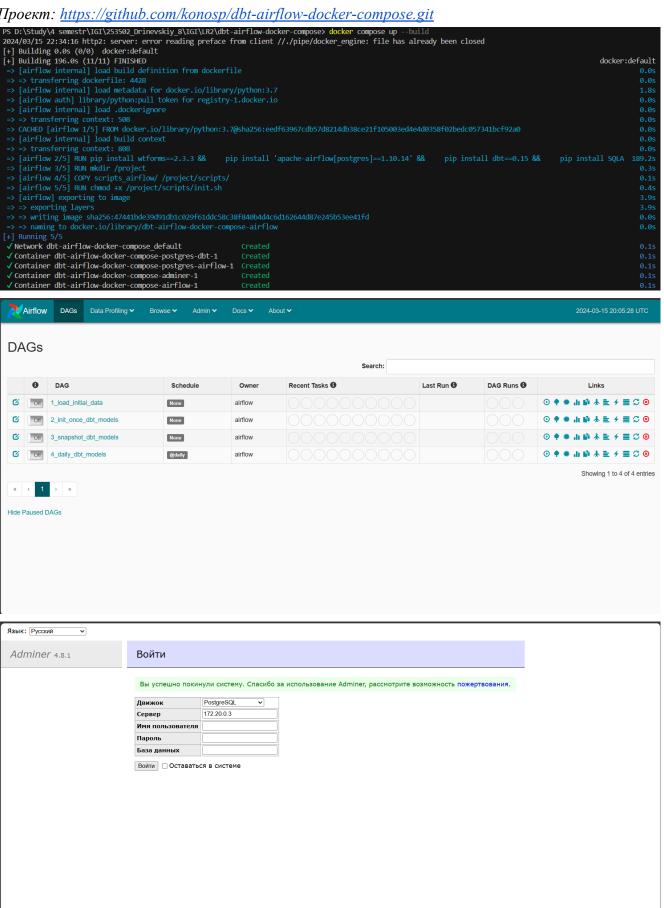
```
D:\Study\4 semestr\IGI\253502_Drinevskiy_8>docker run -d -p 80:80 docker/getting-started
Unable to find image 'docker/getting-started:latest' locally
latest: Pulling from docker/getting-started
c158987b0551: Pull complete
c158987b0551: Pull complete
c158766797fab: Pull complete
c59626741200: Pull complete
c59626741200: Pull complete
c596340566294: Pull complete
c6963345406620: Pull complete
c69635496620: Pull complete
c6963549663: Pull complete
c696354960: Pull complete
c69636560: Pull c69660: Pull c69660:
```

3. Создайте docker image, который запускает скрипт с использованием функций из https://github.com/smartiqaorg/geometric lib

PS D:\Study\4 semestr\IGI\253502_Drinevskiy_8\IGI\LR2\geometric_lib> docker run --name geometry geom-script a = 5, area = 25

4. Скачать любой доступный проект с GitHub с произвольным стеком технологий (пример – см. индивидуальное задание) или использовать свой, ранее разработанный. Создать для него необходимый контейнер, используя Docker Compose для управления многоконтейнерными приложениями. Запустить проект в контейнере.

Проект: https://github.com/konosp/dbt-airflow-docker-compose.git

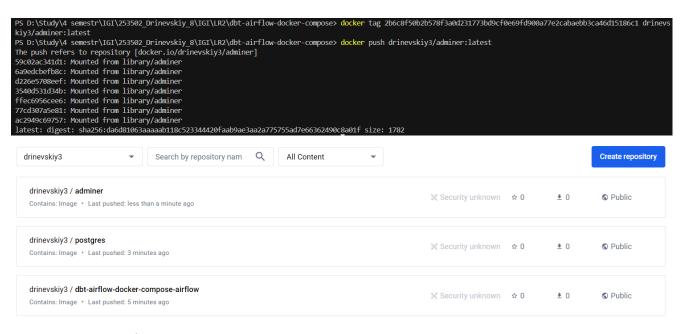


5. Настроить сети и тома для обеспечения связи между контейнерами и сохранения данных (исходные данные, логин, пароль и т.д.)

```
# AIRFLOW__ADMIN__HIDE_SENSITIVE_VARIA
docker-compose.yml
                                                                        POSTGRES_USER: Kirill
                                                                        POSTGRES PASSWORD: 1234
       postgres-airflow:
         image: postgres
                                                                        POSTGRES_HOST: postgres-airflow
                                                                        POSTGRES PORT: 5432
                                                                        POSTGRES DB: airflowdb
                                                                        # postgres-dbt connection details. Requ
          AIRFLOW_SCHEMA: airflow
                                                                        DBT_POSTGRES_PASSWORD: 1234
                                                                        DBT POSTGRES USER: Kirill
                                                                        DBT_POSTGRES_DB : dbtdb
         restart: always
                                                                        DBT_DBT_SCHEMA: dbt
                                                                        DBT_DBT_RAW_DATA_SCHEMA: dbt_raw_data
           - ./scripts_postgres:/docker-entrypoint-initdb.d
                                                                        DBT_POSTGRES_HOST: postgres-dbt
         networks:
18
           - myNet
                                                                        - postgres-airflow
                                                                        - postgres-dbt
       postgres-dbt:
                                                                      ports:
         image: postgres
                                                                       - 8000:8080
           POSTGRES_USER : Kirill
                                                                      networks:
                                                                     - myNet
                                                            72
                                                                    adminer:
                                                                      image: adminer
          - ./sample_data:/sample data
                                                                      restart: always
34
                                                                      ports:
           - myNet
                                                                        - 8080:8080
                                                                        - postgres-airflow
                                                                        - postgres-dbt
                                                                      networks:
          DBT PROFILES DIR: /dbt
                                                                        - myNet
           AIRFLOW_HOME: /airflow
           AIRFLOW__CORE__DAGS_FOLDER: /airflow/dags
                                                                 networks:
           AIRFLOW_CORE_DAG_CONCURRENCY: 4
AIRFLOW_CORE_MAX_ACTIVE_RUNS_PER_DAG: 4
                                                                    myNet:
```

6. Разместите результат в созданный репозиторий в DockerHub

```
D:\Study\4 semestr\IGI\253502 Drinevskiv 8\IGI\LR2\dbt-airflow-docker-compose> docker tag 47441bde39d91db1c029f61ddc58c38f840b4d4c6d16264dd87e245b53ee41fd drinev
kiy3/dbt-airflow-docker-compose-airflow:latest
PS D:\Study\4 semestr\IGI\253502_Drinevskiy_8\IGI\LR2\dbt-airflow-docker-compose> docker push drinevskiy3/dbt-airflow-docker-compose-airflow:latest
The push refers to repository [docker.io/drinevskiy3/dbt-airflow-docker-compose-airflow]
 03912eb3c12a: Pushed
 50e5c411f416: Pushed
abebaac0fae6: Pushed
 9832cbb5514c: Pushed
45c430b35dba: Mounted from library/python
8e23f007f16f: Mounted from library/python
aef22e07d5d7: Mounted from library/python
c26432533a6a: Mounted from library/python
Old6cdeac539: Mounted from library/python
a981dddd4c65: Mounted from library/python
f6589095d5b5: Mounted from library/python
7c85cfa30cb1: Mounted from library/python
latest: digest: sha256:aaaf7152c2768bba4a621c014183c4a4c67cf41bb2554076392adfc99789ce23 size: 2841
  S D:\Study\4 semestr\IGI\253502_Drinevskiy_8\IGI\LR2\dbt-airflow-docker-compose> docker tag b9390dd1ea18e34fa4bf7b43c99faac1455f712a9095ffc2c4071994bb7df148 drinevs
kiy3/postgres:latest
PS D:\Study\4 semestr\IGI\253502_Drinevskiy_8\IGI\LR2\dbt-airflow-docker-compose> docker push drinevskiy3/postgres:latest
The push refers to repository [docker.io/drinevskiy3/postgres]
1a5db5fc09d1: Mounted from library/postgres
44ef72c67da4: Mounted from library/postgres
a03ae2f45899: Mounted from library/postgres
acf89ed73193: Mounted from library/postgres
8b989697200d: Mounted from library/postgres
17c7143ec5ac: Mounted from library/postgres
f4658e0538c1: Mounted from library/postgres
f0fd3e52b8f5: Mounted from library/postgres
5e92f76fe407: Mounted from library/postgres
7a1a926641ec: Mounted from library/postgres
d0c5b1b578f0: Mounted from library/postgres
6e73bb47a647: Mounted from library/postgres
 961603846805: Mounted from library/postgres
9483da8ab3e9: Mounted from library/postgres
1atest: digest: sha256:70fabd496921b9c502e5b18e09bdb545ca3b2ca1c1b851191f3b8ebb2d84607a size: 3247
```



7. а. Получить информацию о всех сетях, работающих на текущем хосте и подробности о каждом типе сети

```
PS D:\Study\4 semestr\IGI\253502 Drinevskiy 8\IGI\LR2\dbt-airflow-docker-compose> docker network ls
NETWORK ID
                  NAME
                                                            DRIVER
                                                                        SCOPE
df7b572365f6
                  bridge
                                                            bridge
                                                                        local
                                                            bridge
55ac4d00e39e
                  dbt-airflow-docker-compose myNet
                                                                        local
bd828b989ec0
                  host
                                                            host
                                                                        local
8f034083121d
                                                            null
                                                                        local
PS D:\Study\4 semestr\IGI\253502_Drinevskiy_8\IGI\LR2\dbt-airflow-docker-compose> docker network inspect bridge
         "Name": "bridge",
"Id": "df7b572365f62e856b53eb5f8f884461243cfd1570c13e4bf02e6240e501c8a8",
         "Created": "2024-03-16T10:23:40.665637864Z",
         "Scope": "local",
"Driver": "bridge",
         "EnableIPv6": false,
         "IPAM": {
             "Driver": "default",
             "Options": null,
             "Config": [
                      "Subnet": "172.17.0.0/16",
                      "Gateway": "172.17.0.1"
         },
"Internal": false,
         "Attachable": false,
         "Ingress": false,
         "ConfigFrom": {
    "Network": ""
         "Containers": {},
         "Options": {
             "com.docker.network.bridge.default_bridge": "true",
             "com.docker.network.bridge.enable_icc": "true",
"com.docker.network.bridge.enable_ip_masquerade": "true",
             "com.docker.network.bridge.host_binding_ipv4": "0.0.0.0",
             "com.docker.network.bridge.name": "docker0",
             "com.docker.network.driver.mtu": "1500"
         },
"Labels": {}
```

```
<sup>2</sup>S D:\Study\4 semestr\IGI\253502_Drinevskiy_8\IGI\LR2\dbt-airflow-docker-compose> <mark>docker</mark> network inspect host
       "Name": "host",
       "Id": "bd828b989ec097b2f1292aadf570ba733310482d2e6d7fb579d5f347ea59f633",
       "Created": "2024-03-11T16:36:56.312959956Z",
       "Scope": "local",
"Driver": "host",
       "EnableIPv6": false,
       "IPAM": {
            "Driver": "default",
           "Options": null,
           "Config": null
       },
"Internal": false,
"Attachable": false,
       "Ingress": false,
       "Ingress .
"ConfigFrom": {
           "Network":
       "Containers": {},
       "Options": {},
       "Labels": {}
"Name": "none",
       "Id": "8f034083121d7738670269411dd74df283f5be7511997efe9ce8df0bc21bebce",
       "Created": "2024-03-11T16:36:56.2920608Z",
"Scope": "local",
"Driver": "null",
       "EnableIPv6": false,
        "IPAM": {
            "Driver": "default",
"Options": null,
            "Config": null
       },
"Internal": false,
        "Attachable": false,
"Ingress": false,
       "Ingress .
"ConfigFrom": {
            "Network":
```

"Labels": {}

```
D:\Study\4 semestr\IGI\253502_Drinevskiy_8\IGI\LR2\dbt-airflow-docker-compose> docker network inspect dbt-airflow-docker-compose_myNe
       "Name": "dbt-airflow-docker-compose_myNet",
"Id": "55ac4d00e39e245b63b06718231f63e8cd7c71c439bb90f32a1b2e340165f73e",
       "Created": "2024-03-16712:14:42.441240049Z",
"Scope": "local",
"Driver": "bridge",
"EnableIPv6": false,
       "IPAM": {
             "Driver": "default",
"Options": null,
             "Config": [
                          "Subnet": "172.18.0.0/16", "Gateway": "172.18.0.1"
       },
"Internal": false,
       "Attachable": false,
       "Ingress": false,
       "ConfigFrom": {
    "Network": ""
       },
"ConfigOnly": false,
". !
       "Containers
              "985b523b0d8afbc0fba25492a8a096dff28e44c1c25ef73c7c0b0ac5a3b4a5b2": {
                   "Name": "dbt-airflow-docker-compose-postgres-airflow-1",
"EndpointID": "8977768ed21d69f92afde083d170a9c34e84886c0f6b286eb29a8ec7c24a4a2e",
"MacAddress": "02:42:ac:12:00:03",
"IPv4Address": "172.18.0.3/16",
                   "IPv6Address":
             },
"c4ce82dc871040ca473a975015bea04d8870a3bb2b1c25399c1bad2a4e4e7705": {
                   Name: dbt-alrflow-docker-compose-adminer-1",
"EndpointID": "2b8e374500d9b48e7dfe5424b22bdb746dd903ea06a4b490361f4b44ca02762c",
"MacAddress": "02:42:ac:12:00:05",
"IPvAAddress": "172.18.0.5/16",
                   "IPv6Address":
             },
"dacad64f99bdb9a4aeb72e06521f0d6ee7c8722ec81bfcdc5ee369639c47044a": {
```

```
"dacad64f99bdb9a4aeb72e06521f0d6ee7c8722ec81bfcdc5ee369639c47044a": {
        "Name": "dbt-airflow-docker-compose-airflow-1",
        "EndpointID": "594abaea3869f57af98c2bf2bf0d57fbb3907c82c623959a580dd16186997889",
        "MacAddress": "02:42:ac:12:00:04",
        "IPv4Address": "172.18.0.4/16",
        "IPv6Address": ""
    },
"f5c98420ca57d87d660e88d3b572ed4ef472a755ea32397a6dc4346373527836": {
        "Name": "dbt-airflow-docker-compose-postgres-dbt-1",
       "EndpointID": "deebbc8ebb82355c7b0c3194647d65e8ad309f72735fbab504011f11aec4f300",
        "MacAddress": "02:42:ac:12:00:02",
        "IPv4Address": "172.18.0.2/16",
        "IPv6Address": ""
"Options": {},
"Labels": {
    "com.docker.compose.network": "myNet",
   "com.docker.compose.project": "dbt-airflow-docker-compose",
   "com.docker.compose.version": "2.24.6"
```

б. Создать свою собственную сеть bridge, проверить, создана ли она, запустить Docker-контейнер в созданной сети, вывести о ней всю информацию(включая IP-адрес контейнера), отключить сеть от контейнера

```
PS D:\Study\4 semestr\IGI\253502_Drinevskiy_8\IGI\LR2\dbt-airflow-docker-compose> <mark>docker</mark> network create -d bridge my-bridge
3hd0663a23050c52a4a269fbh4f689e46e019eac31a85002c3c3f426cdh49b23
PS D:\Study\4 semestr\IGI\253502_Drinevskiy_8\IGI\LR2\dbt-airflow-docker-compose> docker network ls
NETWORK ID
               NAME
                                                    DRIVER
                                                               SCOPE
df7b572365f6
               bridge
                                                    bridge
                                                               local
               dbt-airflow-docker-compose_myNet
f86a68ef0d61
                                                    bridge
                                                               local
hd828h989ec0
               host
                                                    host
                                                               local
3bd0663a2305
               my-bridge
                                                    bridge
                                                               local
8f034083121d
                                                    nul1
                                                               local
```

```
<sup>PS</sup> D:\Study\4 semestr\IGI\253502_Drinevskiy_8\IGI\LR2\dbt-airflow-docker-compose> <mark>docker</mark> network inspect my-bridge
         "Name": "my-bridge",
"Id": "3bd0663a23050c52a4a269fbb4f689e46e019eac31a85002c3c3f426cdb49b23",
         "Created": "2024-03-16T14:17:54.96873695Z",
         "Scope": "local",
         "Driver": "bridge"
         "EnableIPv6": false,
         "IPAM": {
              "Driver": "default",
"Options": {},
              "Config": [
                        "Subnet": "172.20.0.0/16",
                        "Gateway": "172.20.0.1"
                   }
              ]
         },
"Internal": false,
         "Attachable": false,
         "Ingress": false,
         "Ingress ...
"ConfigFrom": {
              "Network":
         },
"ConfigOnly": false,
": {
         "Containers": {
              "73e9dfb28df232c1c57d44cea906c6e9820a62a16cd21ebb30c6fbcfcedcae6e": {
                   "Name": "cont",
"EndpointID": "da63c2c57b5276c0cc20cb4dbd398edd644548d240c1b41017f504a9481405e0",
                   "MacAddress": "02:42:ac:14:00:02",
                  "IPv4Address": "172.20.0.2/16",
                   "IPv6Address": ""
        },
"Options": {},
": {}
PS D:\Study\4 semestr\IGI\253502_Drinevskiy_8\IGI\LR2\dbt-airflow-docker-compose> docker network disconnect my-bridge cont
PS D:\Study\4 semestr\IGI\253502_Drinevskiy_8\IGI\LR2\dbt-airflow-docker-compose> docker network inspect my-bridge
        "Name": "my-bridge",
"Id": "3bd0663a23050c52a4a269fbb4f689e46e019eac31a85002c3c3f426cdb49b23",
        "Created": "2024-03-16T14:17:54.96873695Z", "Scope": "local", "Driver": "bridge",
         "EnableIPv6": false,
         "IPAM": {
             "Driver": "default",
"Options": {},
"Config": [
                      "Subnet": "172.20.0.0/16", 
"Gateway": "172.20.0.1"
```

в. Создать еще одну сеть bridge, вывести о ней всю информацию, запустить в ней три контейнера, подключиться к любому из контейнеров и пропинговать два других из оболочки контейнера, убедиться, что между контейнерами происходит общение по IP-адресу

},
"Internal": false,
"Attachable": false,
"Ingress": false,
"ConfigFrom": {
 "Network": ""

},
"ConfigOnly": false,
"Containers": {},
"Options": {},
"Labels": {}

```
PS D:\Study\4 semestr\IGI\253502_Drinevskiy_8\IGI\LR2\dbt-airflow-docker-compose> <mark>docker</mark> network create my-bridge2
ce16c196e46b169d966c566be5173868084504bcec4a0d6fa0f4211468e21cae
PS D:\Study\4 semestr\IGI\253502 Drinevskiy_8\IGI\LR2\dbt-airflow-docker-compose> docker network ls NETWORK ID NAME DRIVER SCOPE
df7b572365f6
                bridge
                              bridge
bd828b989ec0
               host
                              host
                                         local
                my-bridge
                              bridge
                                         local
                              bridge
ce16c196e46b
               my-bridge2
                                         local
8f034083121d
               none
                              nul1
                                         local
 PS D:\Study\4 semestr\IGI\253502_Drinevskiy_8\IGI\LR2\dbt-airflow-docker-compose> docker run --name=cont2 --network=my-bridge2 docker/getting-started
PS D:\Study\4 semestr\IGI\253502_Drinevskiy_8\IGI\LR2\dbt-airflow-docker-compose> docker run -it -d --name=cont --network=my-bridge2 alpine ash Unable to find image 'alpine:latest' locally latest: Pulling from library/alpine
4abcf2066143: Pull complete
Digest: sha256:c5b1261d6d3e43071626931fc004f70149baeba2c8ec672bd4f27761f8e1ad6b
Status: Downloaded newer image for alpine:latest 0b381d17cc09161751c6f8a0a04c3e5a8dcb55971b3ad537181697915b30ce8d
PS D:\Study\4 semestr\IG1\253562 Drinevskiy_8\IG1\LR2\dbt-airflow-docker-compose> docker run -it -d --name=cont2 --network=my-bridge2 alpine ash 51033baca4362d5083debbddda9305fc25fc64a0918a2e3fd639f2f28dc30620
PS D:\Study\4 semestr\IGI\253502_Drinevskiy_8\IGI\LR2\dbt-airflow-docker-compose> docker run -it -d --name=cont3 --network=my-bridge2 alpine ash
51f9e04bf1f3b8de915d1b37da10888b1f631881499f46c30cf8a567d9972fec
 PS D:\Study\4 semestr\IGI\253502_Drinevskiy_8\IGI\LR2\dbt-airflow-docker-compose> docker network inspect my-bridge2
            "Name": "my-bridge2",
            "Id": "ce16c196e46b169d966c566be5173868084504bcec4a0d6fa0f4211468e21cae",
            "Created": "2024-03-16T14:41:18.1455401Z",
"Scope": "local",
"Driver": "bridge",
            "EnableIPv6": false,
            "IPAM": {
                  "Driver": "default",
                  "Options": {},
                  "Config": [
                             "Subnet": "172.21.0.0/16",
                             "Gateway": "172.21.0.1"
                       }
            },
"Internal": false,
            "Attachable": false,
            "Ingress": false,
            "Ingress .
"ConfigFrom": {
                  "Network":
            "Containers": {
                  "0b381d17cc09161751c6f8a0a04c3e5a8dcb55971b3ad537181697915b30ce8d": {
                       "Name": "cont",
"EndpointID": "789eff3efa6baeaadfca38549a52a4ded244003e1276d57af1ab5209fcfa0ba5",
                        "MacAddress": "02:42:ac:15:00:02",
                       "IPv4Address": "172.21.0.2/16", "IPv6Address": ""
                 },
"51033baca4362d5083debbddda9305fc25fc64a0918a2e3fd639f2f28dc30620": {
                       "Name": "cont2",
                       "EndpointID": "b74e9818f41d137b853580a6821775359bbac70dac51e6d10215f41cf1d36c02", "MacAddress": "02:42:ac:15:00:03",
                       "IPv6Address": "172.21.0.3/16", "IPv6Address": ""
                  },
"51f9e04bf1f3b8de915d1b37da10888b1f631881499f46c30cf8a567d9972fec": {
                        "Name": "cont3",
                       "EndpointID": "ccf1a01ccc766fff12c4f9a4b8b62702b55595af403dd8fdb0111efeec133e91",
"MacAddress": "02:42:ac:15:00:04",
"IPv4Address": "172.21.0.4/16",
"IPv6Address": ""
```

```
PS D:\Study\4 semestr\IGI\253502_Drinevskiy_8\IGI\LR2\dbt-airflow-docker-compose> docker container attach cont2
/ # ping -c 3 cont
PING cont (172.21.0.2): 56 data bytes
64 bytes from 172.21.0.2: seq=0 ttl=64 time=0.147 ms
64 bytes from 172.21.0.2: seq=1 ttl=64 time=0.162 ms
64 bytes from 172.21.0.2: seq=2 ttl=64 time=0.110 ms
--- cont ping statistics ---
3 packets transmitted, 3 packets received, 0% packet loss
round-trip min/avg/max = 0.110/0.139/0.162 ms
/ # ping -c 3 cont3
PING cont3 (172.21.0.4): 56 data bytes
64 bytes from 172.21.0.4: seq=0 ttl=64 time=0.163 ms
64 bytes from 172.21.0.4: seq=1 ttl=64 time=0.131 ms
64 bytes from 172.21.0.4: seq=2 ttl=64 time=0.104 ms
--- cont3 ping statistics ---
3 packets transmitted, 3 packets received, 0% packet loss
round-trip min/avg/max = 0.104/0.132/0.163 ms
```

г. Создать свою собственную сеть overlay, проверить, создана ли она, вывести о ней всю информацию

PS D:\Study\4 semestr\IGI\253502_Drinevskiy_8\IGI\LR2\dbt-airflow-docker-compose> docker swarm init

```
PS D:\Study\4 semestr\IGI\253502_Drinevskiy_8\IGI\LR2\dbt-airflow-docker-compose> docker network ls
                                           SCOPE
NETWORK ID
               NAME
                                 DRIVER
df7b572365f6
               bridge
                                 bridge
                                           local
45cfc11424a7
              docker_gwbridge
                                 bridge
                                           local
bd828b989ec0
                                           local
             host
                                 host
tbeaz8dm9bxn ingress
                                 overlay
                                           swarm
3bd0663a2305
             my-bridge
                                 bridge
                                           local
ce16c196e46b
              my-bridge2
                                           local
                                 bridge
8f034083121d none
                                 nul1
                                           local
```

```
"Name": "ingress",
      "Id": "tbeaz8dm9bxnk4g6oo1s5jshe"
      "Created": "2024-03-16T15:10:02.922699924Z",
      "Scope": "swarm"
      "Driver": "overlay",
      "EnableIPv6": false,
      "IPAM": {
          "Driver": "default",
          "Options": null,
          "Config": [
                   "Subnet": "10.0.0.0/24",
"Gateway": "10.0.0.1"
     },
"Internal": false,
      "Attachable": false,
      "Ingress": true,
      "Ingress .
"ConfigFrom": {
           "Network":
     },
"ConfigOnly": false,
": {
      "Containers": {
           "ingress-sbox": {
              wanne : Ingress-endpoint",
"EndpointID": "c3f391da249787670fad96e82ac14552595729d657005e5cb3de1ab039b5d702",
"MacAddress": "02:42:0a:00:00:02",
"IPv4Address": "10.0.0.2/24",
"IPv6Address": "
     },
"Options": {
           "com.docker.network.driver.overlay.vxlanid_list": "4096"
     },
"Labels": {},
-": [
      "Peers": [
               "Name": "c561b8a7ffd2", "IP": "192.168.65.3"
```

д. Создать еще одну сеть overlay, проверить, создана ли она, вывести о ней всю информацию, удалить сеть

PS D:\Study\4 semestr\IGI\253502_Drinevskiy_8\IGI\LR2\dbt-airflow-docker-compose> <mark>docker</mark> network create --driver overlay my-overlay yvhp4kk7wgp51yzmxh6vb23zl

```
S D:\Study\4 semestr\IGI\253502_Drinevskiy_8\IGI\LR2\dbt-airflow-docker-compose> docker network ls
NETWORK ID
               NAME
                                 DRIVER
                                           SCOPE
df7b572365f6
                                           local
               bridge
                                 bridge
45cfc11424a7
               docker_gwbridge
                                 bridge
                                           local
bd828b989ec0
               host
                                           local
                                 host
tbeaz8dm9bxn
               ingress
                                 overlay
                                           swarm
3bd0663a2305
               my-bridge
                                 bridge
                                           local
ce16c196e46b
              my-bridge2
                                 bridge
                                           local
                                 overlay
yvhp4kk7wqp5
               my-overlay
                                           swarm
8f034083121d
                                 null
              none
                                           local
PS D:\Study\4 semestr\IGI\253502_Drinevskiy_8\IGI\LR2\dbt-airflow-docker-compose> docker network inspect my-overlay
        "Name": "my-overlay",
        "Id": "yvhp4kk7wqp51yzmxh6vb23z1",
        "Created": "2024-03-16T15:17:33.050198857Z",
        "Scope": "swarm",
        "Driver": "overlay",
        "EnableIPv6": false,
        "IPAM": {
            "Driver": "default",
            "Options": null,
            "Config": [
                    "Subnet": "10.0.2.0/24",
                    "Gateway": "10.0.2.1"
        "Attachable": false,
        "Ingress": false,
        "Ingress .
"ConfigFrom": {
            "Network":
        },
"ConfigOnly": false,
        "Containers": null,
        "Options": {
            "com.docker.network.driver.overlay.vxlanid list": "4098"
        },
"Labels": null
PS D:\Study\4 semestr\IGI\253502 Drinevskiy 8\IGI\LR2\dbt-airflow-docker-compose> docker network rm my-overlay
my-overlay
PS D:\Study\4 semestr\IGI\253502_Drinevskiy_8\IGI\LR2\dbt-airflow-docker-compose> docker network ls
NETWORK ID
               NAME
                                  DRIVER
                                             SCOPE
df7b572365f6
               bridge
                                  bridge
                                             local
45cfc11424a7
               docker_gwbridge
                                  bridge
                                             local
bd828b989ec0
                                  host
                                             local
               host
tbeaz8dm9bxn
                                  overlay
               ingress
                                             swarm
```

е. Попробовать создать сеть host, сохранить результат в отчет.

local

local

local

bridge

bridge

null

3bd0663a2305

ce16c196e46b

8f034083121d

my-bridge

my-bridge2

PS D:\Study\4 semestr\IGI\253502_Drinevskiy_8\IGI\LR2\dbt-airflow-docker-compose> docker network create --driver host my-host Error response from daemon: only one instance of "host" network is allowed