Лабораторная работа 6

Билдим наше приложение с помощью докеркомпоз, который использует докер файлы из папок с приложениями Go

```
PS C:\Users\Ольгa\Documents\3 курс\ПИТ\ЛР_6> docker compose build

[+] Building 0.0s (0/0) docker:default

[+] Building 0.0s (0/0) docker:defaultr reading preface from client //./pipe/docker_engine: file has already been closed

[+] Building 0.0s (0/0) docker:defaultr reading preface from client //./pipe/docker_engine: file has already been closed

[+] Building 0.0s (0/0) docker:defaultr reading preface from client //./pipe/docker_engine: file has already been closed

[+] Building 0.0s (0/0) docker:defaultr reading preface from client //./pipe/docker_engine: file has already been closed

[+] Building 61.2s (19/24)

=> [go-ping-pong-instance-1 builder 4/6] RUN go mod download
```

Пушим на Докер Hub

```
PS C:\Users\Ольгa\Documents\3 курс\ПИТ\ЛР_6> docker compose push
[+] Pushing 0/6
   Pushing vasiliza2002/go-ping-pong-service:instance1: 41273b4dfaa2 Pushing
[+] Pushing 0/6liza2002/go-ping-pong-service:instance2: 427c5fe278d2 Preparing
   Pushing vasiliza2002/go-ping-pong-service:instance1: 41273b4dfaa2 Pushing
[+] Pushing 0/6liza2002/go-ping-pong-service:instance1: f60f6b9e8f30 Preparing
  - Pushing vasiliza2002/go-ping-pong-service:instance1: 41273b4dfaa2 Pushing
[+] Pushing 0/6liza2002/go-ping-pong-service:instance1: f60f6b9e8f30 Preparing
   Pushing vasiliza2002/go-ping-pong-service:instance1: 41273b4dfaa2 Pushing
[+] Pushing 0/6liza2002/go-ping-pong-service:instance1: f60f6b9e8f30 Preparing
   Pushing vasiliza2002/go-ping-pong-service:instance1: 41273b4dfaa2 Pushing
[+] Pushing 0/6liza2002/go-ping-pong-service:instance1: f60f6b9e8f30 Preparing
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   Pushing vasiliza2002/go-ping-pong-service:instance1: 41273b4dfaa2 Pushing
                                                                               [=====>
[+] Pushing 0/6liza2002/go-ping-pong-service:instance1: f60f6b9e8f30 Preparing
   Pushing vasiliza2002/go-ping-pong-service:instance1: 41273b4dfaa2 Pushing
                                                                               [======>
```

docker compose на сервере

```
GNU nano 6.2
ervices:
 go-ping-pong-instance-1:
   image: vasiliza2002/go-ping-pong-service:instance1
   container_name: go-ping-pong-1
   environment:

    APP_PORT=8080

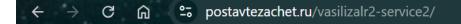
     - PONG_MESSAGE=Greetings from Go App Instance 1!
     - "8091:8091"
   restart: always
 go-ping-pong-instance-2:
   image: vasiliza2002/go-ping-pong-service:instance2
   container_name: go-ping-pong-2
   environment:
     - APP_PORT=8080
     PONG_MESSAGE=Hello from Go App Instance 2!
     - "8092:8092"
   restart: always
```

поднимаем контейнеры

```
location /vasilizalr2-service2/ {
    proxy_pass
   proxy_http_version 1.1;
                                        $http_upgrade;
    proxy_set_header
                      Upgrade
                      Connection
                                        keep-alive;
   proxy_set_header
   proxy_set_header
                      Host
                                        $host;
                      X-Real-IP
                                        $remote_addr;
    proxy_set_header
   proxy_set_header
                      X-Forwarded-For
                                        $proxy_add_x_forwarded_for;
   proxy_set_header X-Forwarded-Proto $scheme;
                      off;
   proxy_redirect
}
# 5) Go-сервис instance2 (порт 8092) по пути /service2/
location /vasilizalr2-service1/ {
                      http://127.0.0.1:8092/;
    proxy_pass
    proxy_http_version 1.1;
    proxy_set_header Upgrade
                                        $http_upgrade;
                      Connection
                                        keep-alive;
   proxy_set_header
                      Host
                                        $host;
    proxy_set_header
                      X-Real-IP
                                        $remote_addr;
   proxy_set_header
                      X-Forwarded-For
                                        $proxy_add_x_forwarded_for;
    proxy_set_header
                      X-Forwarded-Proto $scheme;
   proxy_set_header
   proxy_redirect
                      off;
}
```



Привет от порта 8092



Привет от порта 8091