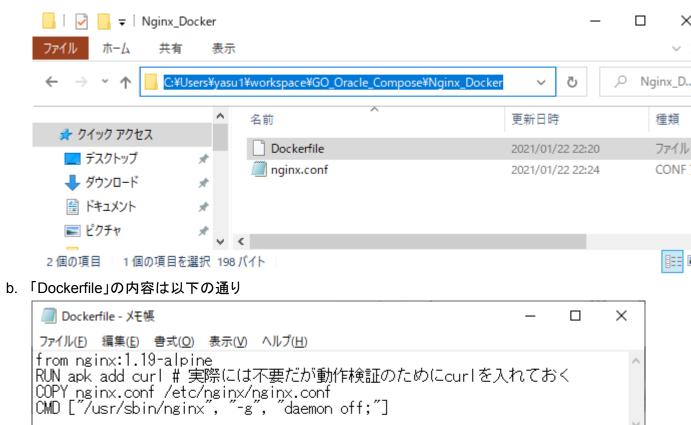
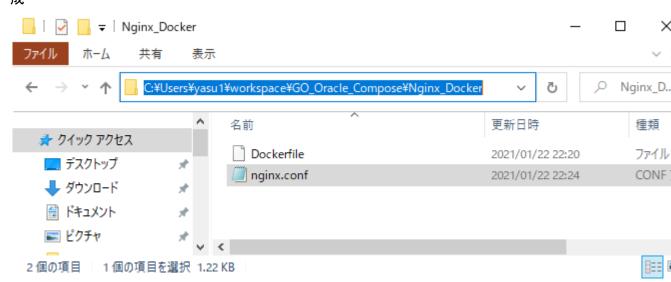
Nginxコンテナ構築

- 1. Dockerイメージ作成
 - a. 「C:\Users\yasu1\workspace\GO_Oracle_Compose\Nginx_Docker」フォルダに「Dockerfile」を作成



c. 「C:\Users\yasu1\workspace\GO_Oracle_Compose\Nginx_Docker」フォルダに「nginx.conf」を作

1行、1列



100%

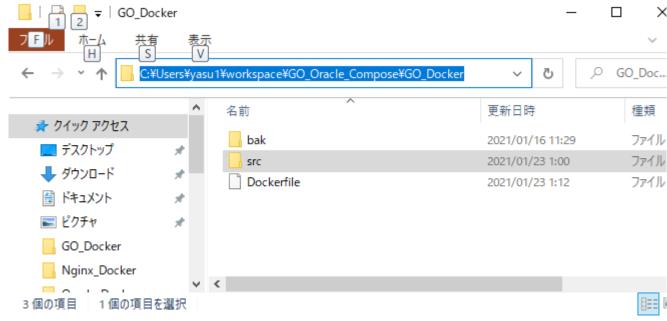
Windows (CRLF)

UTF-8

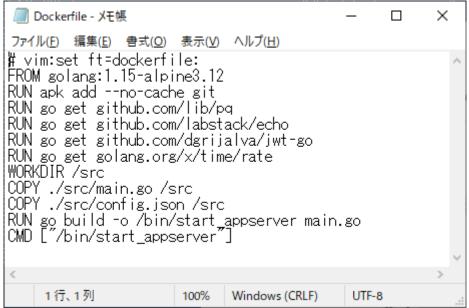
d. 「nginx.conf」の内容は以下の通り

```
🗐 nginx.conf - 乂モ帳
                                                                                                                      user nginx;
worker_processes 1;
pid
             /var/run/nginx.pid;
events {
    worker_connections 1024;
http {
     include
                     /etc/nginx/mime.types;
    default_type application/octet-stream;
    proxy_cache_path /var/cache/nginx keys_zone=cache-zone:1m levels=2:2 max_size=1g inactive=365d;
proxy_temp_path /var/cache/nginx/cache;
    server {
         server_name localhost;
         listen 80;
         location ^~ / {
           proxy_set_header X-Forwarded-For $proxy_add_x_forwarded_for;
proxy_set_header X-Forwarded-Proto $scheme;
proxy_set_header X-Real-IP $remote_addr;
           # キャッシュを行うURLを指定
proxy_pass http://goContainerSys01/;
            proxy_cache cache-zone;
           proxy_ignore_headers X-Accel-Redirect X-Accel-Expires Cache-Control Expires Vary Set-Cookie; proxy_cache_key $host$uri$is_args$args;
           # キャッシュを行うステータスコードとその際の有効期限を指定
proxy_cache_valid 200 201 300 301 302 365d;
            # キャッシュが有効かどうかをレスポンスヘッダーに付与する
           add_header X-Cache-Status Supstream_cache_status;
    }
}
                                                                  1行、1列
                                                                                       100%
                                                                                             Windows (CRLF)
                                                                                                                UTF-8
```

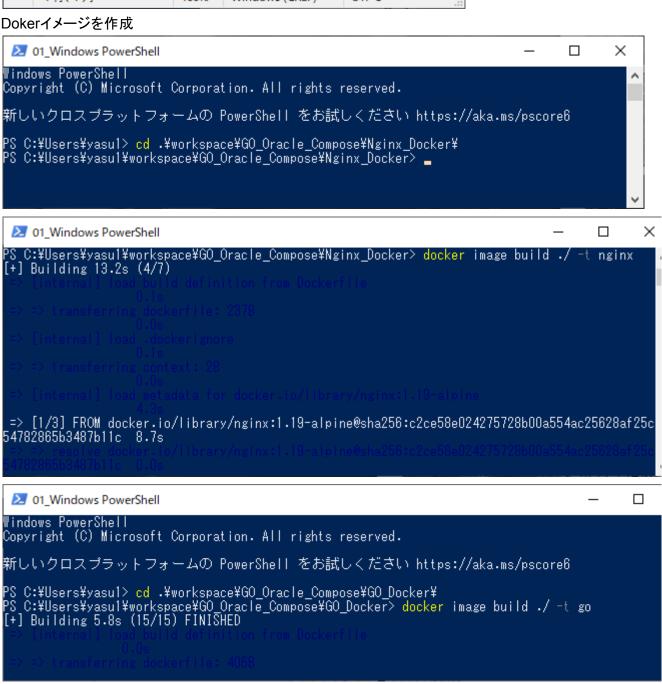
e. 「C:\Users\yasu1\workspace\GO_Oracle_Compose\GO_Docker」フォルダに「Dockerfile」を作成



f. 「Dockerfile」の内容は以下の通り



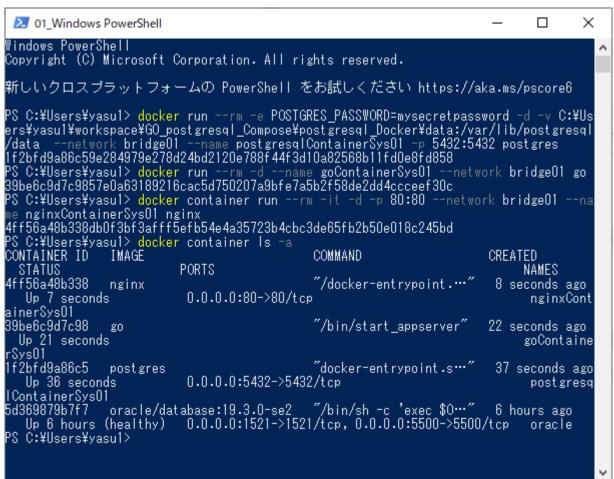
g. Dokerイメージを作成



```
01 Windows PowerShell
PS C:¥Users¥yasu1¥workspace¥GO_Oracle_Compose¥GO_Docker> <mark>docker</mark> image ls
REPOSITORY TAG IMAGE ID CREATED SIZE
go latest e79a63ee3f42 54 seconds ago 460MB
                                                                   54 seconds ago
17 minutes ago
7 days ago
                                             b67ba2152bb4
                                                                                            24.2MB
6.53GB
nginx
                           latest
                          19.3.0-se2
                                             f8c10909c98c
oracle/database
                                                                                            314MB
314MB
                          13
                                             a6cd86e1dfce
                                                                   6 weeks ago
postgres
                                             a6cd86e1dfce
                                                                   6 weeks ago
                          latest
postgres
 S C:¥Users¥yasu1¥workspace¥GO_Oracle_Compose¥GO_Docker> 🕳
```

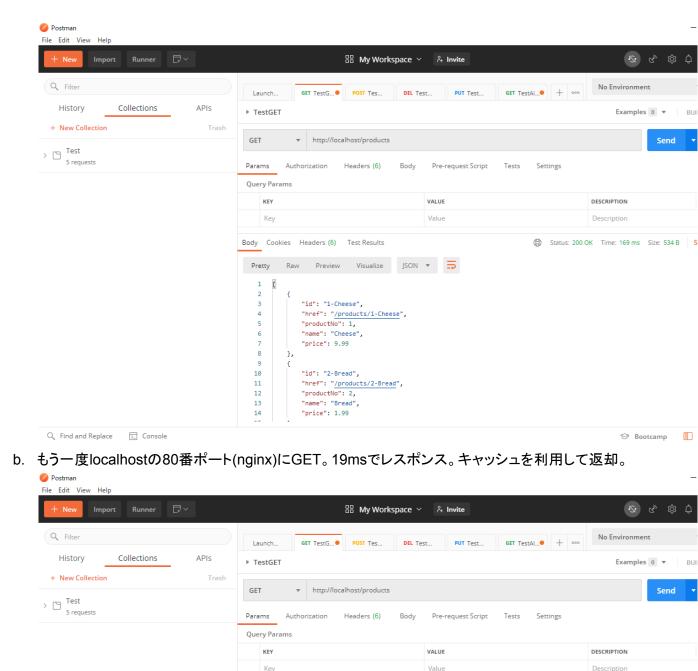
h. ネットワークを作成し、Dockerコンテナーを起動

```
■ O1_Windows PowerShell
Windows PowerShell
Copyright (C) Microsoft Corporation. All rights reserved.
新しいクロスプラットフォームの PowerShell をお試しください https://aka.ms/pscore6
PS C:¥Users¥yasu1> docker network create bridge01
72e369cdfadceaf0a8dff8e013524452b9d44a62cc70d523abed4fd614972b28
PS C:¥Users¥yasu1> ■
```



2. postmanで確認

a. localhostの80番ポート(nginx)にGET。169msでレスポンス。



Body Cookies Headers (6) Test Results

"id": "1-Cheese",
"href": "/products/1-Cheese",

"productNo": 1,
"name": "Cheese",
"price": 9.99

"name": "Bread",
"price": 1.99

"id": "2-Bread",
"href": "/products/2-Bread",
"productNo": 2,

Pretty

10 11 12

13 14

Q Find and Replace ... Console

Raw Preview Visualize JSON ▼ 5

Status: 200 OK Time: 19 ms Size: 533 B

⊕ Bootcamp
 ■