Task 1

```
blast@blast-Ubuntu:~$ docker search httpd
NAME                                DESCRIPTION                                       STARS     OFFICIAL   AUTOMATED
httpd                               The Apache HTTP Server Project                    3924      [OK]
centos/httpd-24-centos7             Platform for running Apache httpd 2.4 or bui…     43
centos/httpd                                                                          34                   [OK]
hypoport/httpd-cgi                  httpd-cgi                                         2                    [OK]
solsson/httpd-openidc               mod_auth_openidc on official httpd image, ve…     2                    [OK]
inanimate/httpd-ssl                 A play container with httpd, ssl enabled, an…     1                    [OK]
lead4good/httpd-fpm                 httpd server which connects via fcgi proxy h…     1                    [OK]
dockerpinata/httpd                                                                    1
publici/httpd                       httpd:latest                                      1                    [OK]
clearlinux/httpd                    httpd HyperText Transfer Protocol (HTTP) ser…     1
manageiq/httpd                      Container with httpd, built on CentOS for Ma…     1                    [OK]
dariko/httpd-rproxy-ldap            Apache httpd reverse proxy with LDAP authent…     1                    [OK]
centos/httpd-24-centos8                                                               1
jonathanheilmann/httpd-alpine-rewrite  httpd:alpine with enabled mod_rewrite          1                    [OK]
httpdss/archerysec                  ArcherySec repository                             0                    [OK]
paketobuildpacks/httpd                                                                0
manageiq/httpd_configmap_generator  Httpd Configmap Generator                        0                    [OK]
patrickha/httpd-err                                                                   0
manasip/httpd                                                                         0
19022021/httpd-connection_test      This httpd image will test the connectivity …     0
sandeep1988/httpd-new               httpd-new                                         0
httpdocker/kubia                                                                      0
amd64/httpd                         The Apache HTTP Server Project                    0
httpdocker/kubia-unhealthy                                                            0
e2eteam/httpd                                                                         0
```
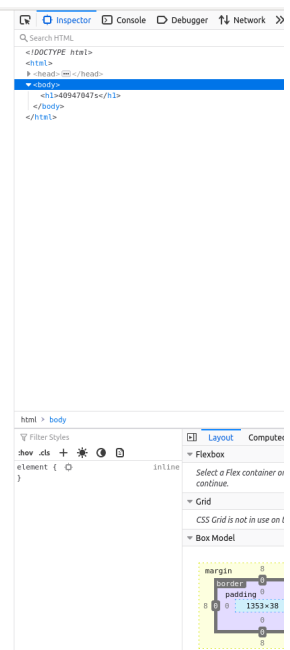
```
blast@blast-Ubuntu:~$ docker pull httpd
Using default tag: latest
latest: Pulling from library/httpd
ae13dd578326: Pull complete
fd997b74d81b: Pull complete
248a67212d22: Pull complete
60cf240b9129: Pull complete
b75bd115573c: Pull complete
Digest: sha256:94cd479f4875e3e0fba620baf7a0e9353e15783368f4f74b9ea5bdc729b3f366
Status: Downloaded newer image for httpd:latest
docker.io/library/httpd:latest
blast@blast-Ubuntu:~$
```

```
blast@blast-Ubuntu:~$ docker images
REPOSITORY    TAG       IMAGE ID       CREATED       SIZE
httpd         latest    b9bd7e513e0f   4 days ago    144MB
```
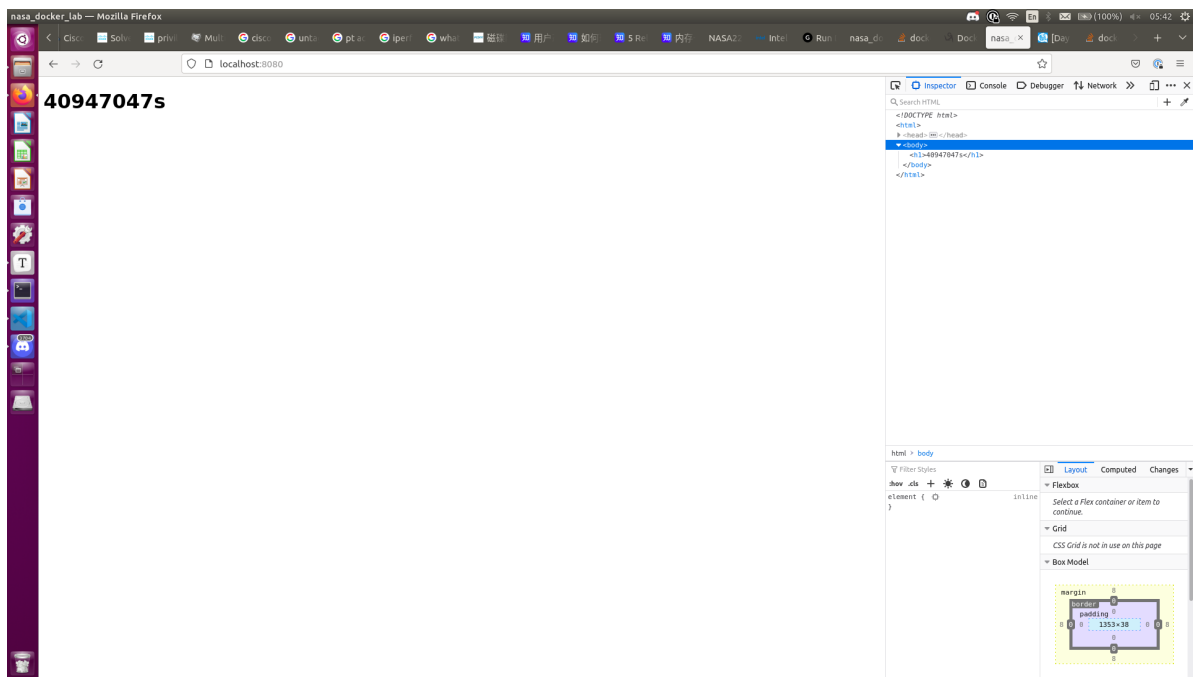
```
blast@blast-Ubuntu:~$ docker run -itd --name testServer -p 8080:80 -v /home/blast/testWeb:/usr/local/apache2/htdocs/ httpd
048fba499ac1cb2baa82a7ba97d0404f74f734af857074ddb4e1ab18e4f10af7
```

```
blast@blast-Ubuntu:~$ docker ps
CONTAINER ID   IMAGE    COMMAND              CREATED          STATUS          PORTS                                         NAMES
048fba499ac1   httpd    "httpd-foreground"   32 seconds ago   Up 32 seconds   0.0.0.0:8080->80/tcp, :::8080->80/tcp         testServer
blast@blast-Ubuntu:~$
```

40947047s

Task2


```dockerfile
1   FROM centos:latest
2
3   RUN cd /etc/yum.repos.d/
4   RUN sed -i 's/mirrorlist/#mirrorlist/g' /etc/yum.repos.d/CentOS-*
5   RUN sed -i
    's|#baseurl=http://mirror.centos.org|baseurl=http://vault.centos.org|g'
    /etc/yum.repos.d/CentOS-*
6   RUN cd
7   RUN yum update -y
8   RUN yum install httpd -y
9   COPY ./index.html /var/www/html
10
11  CMD ["/usr/sbin/httpd", "-DFOREGROUND"]
```