#### **Prometheus lab1**

# 1- What is the different http status code and explain the meaning of each of them?

Here are the 5 ranges and what they mean:

- 1- Informational responses (100 199)
- 2- Successful responses (200 299)
- 3- Redirection messages (300 399)
- 4- Client error responses (400 499)
- 5- Server error responses (500 599)

# - HTTP Status Codes (Important)

200: Success

301: Permanent redirect

302: Found

404: Not Found

410: Gone

451: Unavailable for legal reasons

500: Internal server error 503: Service unavailable

#### 2- What database is used by Prometheus?

Prometheus uses its own time-series database to store and retrieve monitoring data. The Prometheus time-series database is a local, on-disk storage engine that uses a custom format to efficiently store time-series data.

#### 3- what is the difference between different metrics types ( counter , gauge , histogram)

- Counter: A counter is a cumulative metric that represents a monotonically increasing value. Counters are typically used to measure the number of events or requests that occur over time, such as the number of HTTP requests received by a web server. Counters can only increase in value and are reset to zero when the Prometheus server is restarted. (how many)
- Gauge: A gauge is a metric that represents a value that can go up or down over time.
   Gauges are typically used to measure the current state of a system or application, such as the current CPU utilization of a server. Gauges can be set to any value and can increase or decrease over time.
   (current state)
- 3. Histogram: A histogram is a metric that represents the distribution of values over a set of predefined buckets. Histograms are typically used to measure the distribution of request latencies or other duration-related metrics, such as the response time of an API endpoint. Histograms allow you to see how many requests fall into different latency buckets (e.g., 0-100ms, 100-500ms, etc.) and how frequently those buckets are hit. (how long)

```
4-install prometheus on your localhost or on server in any cloud provider
                                                                  olio-9470m:~$ sudo useradd --no-create-home --shell /bin/false prometheus
    sudo] password for hp:
pghp-HP-EliteBook-Folio-9470m:-$ sudo mkdir /etc/prometheus
pghp-HP-EliteBook-Folio-9470m:-$ sudo mkdir /var/lib/prometheus
pghp-HP-EliteBook-Folio-9470m:-$ sudo chown prometheus:prometheus /var/lib/prometheus
pghp-HP-EliteBook-Folio-9470m:-$ cd /tmp/
pghp-HP-EliteBook-Folio-9470m:/tmp$
pghp-HP-EliteBook-Folio-9470m:/tmp$
pghp-HP-EliteBook-Folio-9470m:/tmp$
pghp-HP-EliteBook-Folio-9470m:/tmp$ wget https://github.com/prometheus/prometheus/releases/download/v2.35.0/prometheus-2.35.0.linux-amd64.tar
 .gz
Resolving github.com (github.com/prometheus/prometheus/releases/download/v2.35.0/prometheus-2.35.0.linux-amd64.tar.gz
Resolving github.com (github.com)... 140.82.121.4
Connecting to github.com (github.com)|140.82.121.4|:443... connected.
HTTP request sent, awaiting response... 302 Found
Location: https://objects.githubusercontent.com/github-production-release-asset-2e65be/6838921/8f12e681-797c-42c9-97c3-f41bb08df5d97X-Amz-Algo
rithm=AWS4-HMAC-SHA2568X-Amz-Credential=AKIAIWNJYAX4CSVEH53A%2F20230721%2Fus-east-1%2Fs3%2Faws4_request8X-Amz-Date=20230721T165138Z8X-Amz-Expi
res=3008X-Amz-Signature=c99c77f077c33759693c24fe2b7c9dbddaf49a452bdc98676562ba37b6358318X-Amz-SignedHeaders=host&actor_id=08key_id=08repo_id=
633903186-grospose_content_disposition=attachment/88%20file_pamex*Npcrometheus-2.38_biology.amd64_tar_a%28csponse_content_disposition=attachment/88csfet
  Fes=3008X-AMZ-Signature=c99C/10/1C33/39032C41620/C9000dd14343200C986/030203/00338318X-AMZ-Signedmeaders=mostactor_d=08key_d=08kep0_de68889218response-content-disposition=attachment%3B%20filename%3Dprometheus-2.35.0.linux-amd64.tar.gz&response-content-type=application%2Foctet-stream [following]
--2023-07-21 19:51:38-- https://objects.githubusercontent.com/github-production-release-asset-2e65be/6838921/8f12e681-797c-42c9-97c3-f41bb08df5d97X-Amz-Algorithm=AWS4-HMAC-SHA2568X-Amz-Credential=AKIAIWNJYAX4CSVEH53A%2F20230721X2Fus-east-1%2F53%2Faws4_request8X-Amz-Date=20230721T165
13828X-Amz-Expires=3008X-Amz-Signature=c99c77f0777c33759693c24fe2b7c9dbddaf49a452bdc98676562ba37b6358318X-Amz-SignedHeaders=host&actor_id=08ke
y_id=08kep0_id=6838921&response-content-disposition=attachment%3B%20filename%3Dprometheus-2.35.0.linux-amd64.tar.gz&response-content-type=appl
 y_td=0arepo_td=0asa9721aresponse-content-utsposetton-actachment/9308251 (tentem/9309)...
ication%2Foctet-stream
Resolving objects.githubusercontent.com (objects.githubusercontent.com)... 185.199.111.133, 185.199.110.133, 185.199.109.133, ...
Connecting to objects.githubusercontent.com (objects.githubusercontent.com)|185.199.111.133|:443... connected.
HTTP request sent, awaiting response... 200 OK
Length: 80620181 (77M) [application/octet-stream]
Saving to: 'prometheus-2.35.0.linux-amd64.tar.gz'
   2023-07-21 19:53:49 (606 KB/s) - 'prometheus-2.35.0.linux-amd64.tar.gz' saved [80620181/80620181]
   config-err-tzagYP
                                                                                                                      ssh-muZMGGSSJXLs
systemd-private-3d1d68f122ab4a58a545c3322433cac6-colord.service-fab5Uh
   grilo-plugin-cache-CFRM81
grilo-plugin-cache-F56K81
                 o-HP-EliteBook-Folio-9470m:/tmp$ tar -xvf prometheus-2.35.0.linux-amd64.tar.gz
prometheus-2.35.0.linux-amd64/consoles/
prometheus-2.35.0.linux-amd64/consoles/
prometheus-2.35.0.linux-amd64/consoles/index.html.example
prometheus-2.35.0.linux-amd64/consoles/index.pu.html
prometheus-2.35.0.linux-amd64/consoles/node-cpu.html
prometheus-2.35.0.linux-amd64/consoles/node-disk.html
prometheus-2.35.0.linux-amd64/consoles/node-disk.html
prometheus-2.35.0.linux-amd64/consoles/node.html
prometheus-2.35.0.linux-amd64/consoles/prometheus-overview.html
prometheus-2.35.0.linux-amd64/consoles/prometheus.html
prometheus-2.35.0.linux-amd64/console_libraries/
prometheus-2.35.0.linux-amd64/console_libraries/menu.lib
prometheus-2.35.0.linux-amd64/console_libraries/prom.lib
orometheus-2.35.0.linux-amd64/console_libraries/prom.lib
```

prometheus-2.35.0.linux-amd64/prometheus.yml prometheus-2.35.0.linux-amd64/LTCEMSE prometheus-2.35.0.linux-amd64/NOTICE prometheus-2.35.0.linux-amd64/prometheus prometheus-2.35.0.linux-amd64/prometool

p@hp-HP-EliteBook-Folio-9470m:/tmp/p p@hp-HP-EliteBook-Folio-9470m:/tmp/p

p@hp-HP-EliteBook-Folio-9470m:/tmp\$ p@hp-HP-EliteBook-Folio-9470m:/tmp\$ cd prometheus-2.35.0.linux-amd64

cole\_libraries consoles LICENSE NOTICE prometheus prometheus.yml promtool

heus-2.35.0.linux-amd64\$ heus-2.35.0.linux-amd64\$ ls

```
-EliteBook-Folio-9470m:/tmp/prometheus-2.35.0.linux-amd64$ sudo mv console* /etc/prometheus
                np-HP-EliteBook-Folio-9470m:/tmp/prometheus-2.35.0.linux-amd64$ sudo mv prometheus.yml /etc/prometheus
np-HP-EliteBook-Folio-9470m:/tmp/prometheus-2.35.0.linux-amd64$ sudo chown -R prometheus:prometheus /etc/prometheus
np-HP-EliteBook-Folio-9470m:/tmp/prometheus-2.35.0.linux-amd64$ sudo mv prometheus /usr/local/bin/
np-HP-EliteBook-Folio-9470m:/tmp/prometheus-2.35.0.linux-amd64$ sudo mv prometheus /usr/local/bin/
np-HP-EliteBook-Folio-9470m:/tmp/prometheus-2.35.0.linux-amd64$ sudo mv promethou /usr/local/bin/
                 p-HP-EliteBook-Folio-9470m:/tmp/prometheus-2.35.0.linux-amd64$ sudo chown prometheus:prometheus /usr/local/bin/prometheus
p-HP-EliteBook-Folio-9470m:/tmp/prometheus-2.35.0.linux-amd64$ sudo chown prometheus:prometheus /usr/local/bin/promtool
p-HP-EliteBook-Folio-9470m:/tmp/prometheus-2.35.0.linux-amd64$ sudo systemctl status docker
hpghp-HP-EltteBook-Folto-9470H;/tmp/prometheus-2.35.0.tlnux-amdo4$ sudo systemctl status of docker.service - Docker Application Container Engine

Loaded: loaded (/lib/systemd/system/docker.service; enabled; vendor preset: enabled)

Active: active (running) since Thu 2023-07-20 21:17:20 EEST; 22h ago

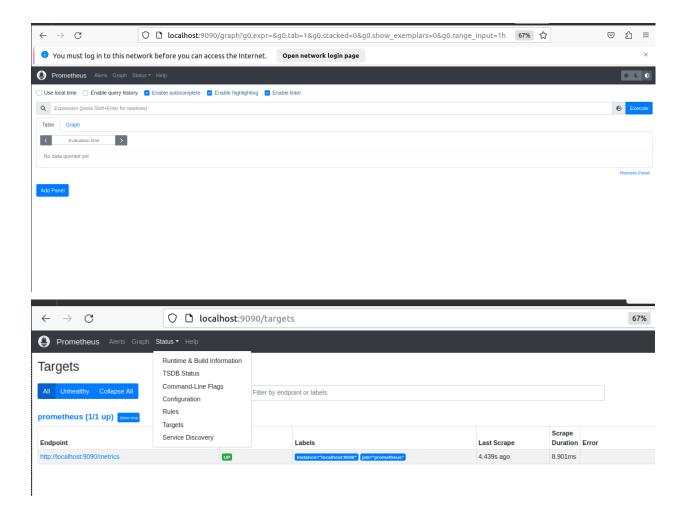
TriggeredBy: docker.socket

Docs: https://docs.docker.com

Main PID: 1891 (dockerd)
                       Tasks: 20
Memory: 121.4M
                    21:17:19 20 يول hp-HP-EliteBook-Folio-9470m dockerd[1691]: time="2023-07-20721:17:19.257337544+03:00" level=info msg="Starting up"
21:17:19 20 يول hp-HP-EliteBook-Folio-9470m dockerd[1691]: time="2023-07-20721:17:19.267637437+03:00" level=info msg="detected 127.0.0.53 nam-21:17:19 20 يول hp-HP-EliteBook-Folio-9470m dockerd[1691]: time="2023-07-20721:17:19.551187308+03:00" level=info msg="[graphdriver] using pri> hp-HP-EliteBook-Folio-9470m dockerd[1691]: time="2023-07-20721:17:19.840705436+03:00" level=info msg="Loading containers: sta-21:17:20 20 يول hp-HP-EliteBook-Folio-9470m dockerd[1691]: time="2023-07-20721:17:20.864401605+03:00" level=info msg="Docker dockerd[1691]: time="2023-07-20721:17:20.641995001+03:00" level=info msg="Loading containers: don-21:17:20 20 يول hp-HP-EliteBook-Folio-9470m dockerd[1691]: time="2023-07-20721:17:20.724170358+03:00" level=info msg="Docker daemon" commit=6-21:17:20 20 يhp-HP-EliteBook-Folio-9470m dockerd[1691]: time="2023-07-20721:17:20.724802481+03:00" level=info msg="Docker daemon" commit=6-21:17:20 20 يhp-HP-EliteBook-Folio-9470m dockerd[1691]: time="2023-07-20721:17:20.724802481+03:00" level=info msg="Docker daemon" commit=6-21:17:20 20 يhp-HP-EliteBook-Folio-9470m dockerd[1691]: time="2023-07-20721:17:20.724802481+03:00" level=info msg="Daemon has completed in-21:17:20.20 يول hp-HP-EliteBook-Folio-9470m dockerd[1691]: time="2023-07-20721:17:20.904162312+03:00" level=info msg="API listen on /run/dock-21:17:20.20 hp-HP-EliteBook-Folio-9470m systemd[1]: Started Docker Application Container Englne.
                       -HP-EliteBook-Folio-9470m:/tmp/prometheus-2.35.0.linux-amd64$ sudo vi /etc/systemd/system/prometheus.service
-HP-EliteBook-Folio-9470m:/tmp/prometheus-2.35.0.linux-amd64$ sudo systemctl status prometheus
 prometheus.service - Prometheus
   Loaded: loaded (/etc/systemd/system/prometheus.service; disabled; vendor preset: enabled)
                    Active: inactive (dead)
                     1-HP-EliteBook-Folio-9470m:/tmp/prometheus-2.35.0.linux-amd64$ sudo systemctl daemon-reload
1-HP-EliteBook-Folio-9470m:/tmp/prometheus-2.35.0.linux-amd64$ sudo systemctl start prometheus
1-HP-EliteBook-Folio-9470m:/tmp/prometheus-2.35.0.linux-amd64$ sudo systemctl status prometheus
 prometheus.service - Prometheus

Loaded: loaded (/etc/systemd/system/prometheus.service; disabled; vendor preset: enabled)

Active: active (running) since Fri 2023-07-21 20:06:38 EEST; 14s ago
             Main PID: 10089 (prometheus)
Tasks: 9 (limit: 9265)
Memory: 16.4M
                    20:06:39 21 يول hp-HP-EliteBook-Folio-9470m prometheus[10089]: ts=2023-07-21T17:06:39.001Z caller=head.go:493 level=info component=tsdb msg=">
20:06:39 21 يول hp-HP-EliteBook-Folio-9470m prometheus[10089]: ts=2023-07-21T17:06:39.001Z caller=head.go:536 level=info component=tsdb msg=">
20:06:39 21 يول hp-HP-EliteBook-Folio-9470m prometheus[10089]: ts=2023-07-21T17:06:39.001Z caller=head.go:542 level=info component=tsdb msg=">
20:06:39 21 يول hp-HP-EliteBook-Folio-9470m prometheus[10089]: ts=2023-07-21T17:06:39.002Z caller=head.go:613 level=info component=tsdb msg=">
20:06:39 21 يول hp-HP-EliteBook-Folio-9470m prometheus[10089]: ts=2023-07-21T17:06:39.002Z caller=head.go:619 level=info component=tsdb msg=">
20:06:39 21 يehp-HP-EliteBook-Folio-9470m prometheus[10089]: ts=2023-07-21T17:06:39.004Z caller=main.go:978 level=info fs_type=EXT4_SUPER_M>
20:06:39 21 يehp-HP-EliteBook-Folio-9470m prometheus[10089]: ts=2023-07-21T17:06:39.004Z caller=main.go:981 level=info msg="TSDB started"
20:06:39 21 يehp-HP-EliteBook-Folio-9470m prometheus[10089]: ts=2023-07-21T17:06:39.004Z caller=main.go:1162 level=info msg="Completed load>
20:06:39 21 يehp-HP-EliteBook-Folio-9470m prometheus[10089]: ts=2023-07-21T17:06:39.004Z caller=main.go:1162 level=info msg="Completed load>
20:06:39 21 يehp-HP-EliteBook-Folio-9470m prometheus[10089]: ts=2023-07-21T17:06:39.004Z caller=main.go:1109 level=info msg="Completed load>
20:06:39 21 ph-HP-EliteBook-Folio-9470m prometheus[10089]: ts=2023-07-21T17:06:39.004Z caller=main.go:300 level=info msg="Completed load>
20:06:39 21 ph-HP-EliteBook-Folio-9470m prometheus[10089]: ts=2023-07-21T17:06:39.004Z caller=main.go:300 level=info msg="Completed load>
20:06:39 21 ph-HP-EliteBook-Folio-9470m prometheus[10089]: ts=2023-07-21T17:06:39.004Z caller=main.go:300 level=info msg="Completed load>
20:06:39 21 ph-HP-EliteBook-Folio-9470m prometheus[10089]: ts=2023-07-21T17:06:39.004Z caller=main.go:300 level=info msg="Completed load>
20:06:39 21 ph-HP-EliteBook-Folio-9470m prometheus[10089]: ts=2023-07-21T17:
 hp@hp-HP-EliteBook-Folio-9470m:/tmp/prometheus-2.35.0.linux-amd64$ sudo systemctl enable prometheus
Created symlink /etc/systemd/system/multi-user.target.wants/prometheus.service →/etc/systemd/system/prometheus.service.
hp@hp-HP-EliteBook-Folio-9470m:/tmp/prometheus-2.35.0.linux-amd64$
```



5-add any new target to prometheus.yaml file and apply any query on it using promql langauge

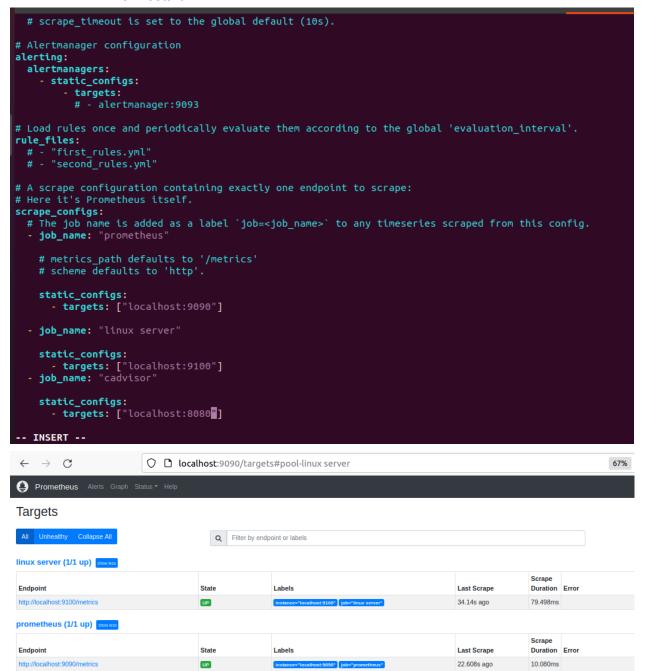
1) Install node exporter

```
o-9470m:/tmp$ cd node_exporter-1.3.1.linux-amd
                                                                                                             m:/tmp/node_exporter-1.3.1.linux-amd64$ ls
                                   node_exporter NOTICE
-EllteBook-Follo-9470m:/tmp/node_exporter-1.3.1.linux-amd64$ sudo mv node_exporter /usr/local/bin/
     LTCENSE
                hp-HP-EliteBook-Folio-9470m:/tmp/node_exporter-1.3.1.linux-and64$ sudo chown node_exporter /usr/local/bin/node_exporter /hp-HP-EliteBook-Folio-9470m:/tmp/node_exporter-1.3.1.linux-and64$ sudo chown node_exporter:node_exporter /usr/local/bin/node_exporter /hp-HP-EliteBook-Folio-9470m:/tmp/node_exporter-1.3.1.linux-and64$ sudo vi_etc/systemd/system/node_exporter.service hp-HP-EliteBook-Folio-9470m:/tmp/node_exporter-1.3.1.linux-and64$ sudo systemctl daemon-reload
             ghp-HP-EliteBook-Folio-9470m:/tmp/node_exporter-1.3.1.linux-amd64$
ghp-HP-EliteBook-Folio-9470m:/tmp/node_exporter-1.3.1.linux-amd64$ sudo systemctl start node_exporter
ghp-HP-EliteBook-Folio-9470m:/tmp/node_exporter-1.3.1.linux-amd64$
                                                                                                                                        node_exporter-1.3.1.linux-amd64$ sudo systemctl status node_exporter
     node exporter.service - Node Exporter
                     Loaded: loaded (/etc/systemd/system/node_exporter.service; disabled; vendor preset: enabled)
Active: active (running) since Fri 2023-07-21 22:21:14 EEST; 24ms ago
              Main PID: 11290 (node_exporter)
Tasks: 5 (limit: 9265)
Memory: 2.6M
                      CGroup: /system.slice/node_exporter.service
   22:21:14 21 يول hp-HP-EliteBook-Folio-9470m node_exporter[11290]: ts=2023-07-21T19:21:14.592Z caller=node_exporter.go:115 level=info collecto-22:21:14 21 يول hp-HP-EliteBook-Folio-9470m node_exporter[11290]: ts=2023-07-21T19:21:14.592Z caller=node_exporter.go:199 level=info msg="Lis-22:114 21 يول hp-HP-EliteBook-Folio-9470m node_exporter[11290]: ts=2023-07-21T19:21:14.592Z caller=node_exporter.go:199 level=info msg="Lis-22:114 21 يول hp-HP-EliteBook-Folio-9470m node_exporter[11290]: ts=2023-07-21T19:21:14.592Z caller=node_exporter.go:199 level=info msg="Lis-22:114 21 يول hp-HP-EliteBook-Folio-9470m node_exporter[11290]: ts=2023-07-21T19:21:14.592Z caller=lts_config.go:195 level=info msg="Lis-22:114 21 يول hp-HP-EliteBook-Folio-9470m node_exporter[11290]: ts=2023-07-21T19:21:14.592Z caller=lts_config.go:195 level=info msg="Lis-22:114 21 يول hp-HP-EliteBook-Folio-9470m node_exporter[11290]: ts=2023
                    p-HP-EliteBook-Folio-9470m:-$ sudo vi /etc/prometheus/prometheus.yml
p-HP-EliteBook-Folio-9470m:-$ sudo systemctl restart prometheus
                                                                                    io-9470m:~$ sudo useradd --no-create-home --shell /bin/false node exporter
   [sudo] password for hp:
                                                                                      lo-9470m:~S cd /tmp/
                         HP-EliteBook-Folio-9470m:/tmp$

HP-EliteBook-Folio-9470m:/tmp$ wget https://github.com/prometheus/node_exporter/releases/download/v1.3.1/node_exporter-1.3.1.linux-amd64
 .tar.gz
-2023-07-21 22:17:17-- https://github.com/prometheus/node_exporter/releases/download/v1.3.1/node_exporter-1.3.1.linux-amd64.tar.gz
Resolving github.com (github.com)... 140.82.121.4
Connecting to github.com (github.com)|140.82.121.4|:443... connected.
HTTP request sent, awaiting response... 302 Found
Location: https://objects.githubusercontent.com/github-production-release-asset-2e65be/9524057/7c60f6f9-7b41-446c-be81-a6c24a9d03837X-Amz-Algo
rithm=AMS4-HMAC-SHAZ568X-Amz-Credential=AKIAINNJYAX4CSVEH53A%ZF20230721%ZFus-east-1%ZF3%ZFaws4_request8X-Amz-Date=20230721T191532Z8X-Amz-Expi
res=3008X-Amz-Signature=2925d1228c1b50412d1d7648cb0cb50366ce2eaf2832b2a3c6406e7eabec23158X-Amz-SignedHeaders-host&actor_id=08key_id=08repo_id=
9524057&response-content-disposition=attachment%3B%20filename%3Dnode_exporter-1.3.1.linux-amd64.tar.gz&response-content-type=application%ZFoct
et-stream [following]
-2023-07-21 22:17:20-- https://objects.githubusercontent.com/github-production-release-asset-2e65be/9524057/7c60f6f9-7b41-446c-be81-a6c24a9d
03837X-Amz-Algorithm=AMS4-HMAC-SHAZ568X-Amz-Credential=AKIAINNJYAX4CSVEH53A%2F20230721%2Fus-east-1%2F3%2Faws4_request8X-Amz-0ate=202307211191
532Z8X-Amz-Expires=3008X-Amz-Signature=2925d1228c1b50412d1d7648cb0cb50366ce2eaf2832b2a3c6406e7eabec23158X-Amz-SignedHeaders-host&actor_id=08key
pilcation%2Foctet-stream
   y_id=0&repo_id=9524057&re
plication%2Foctet-stream
 plication%/Foctet-stream
Resolving objects.githubusercontent.com (objects.githubusercontent.com)... 185.199.109.133, 185.199.111.133, 185.199.110.133, ...
Connecting to objects.githubusercontent.com (objects.githubusercontent.com)|185.199.109.133|:443... connected.
HTTP request sent, awaiting response... 200 OK
Length: 9033415 (8.6M) [application/octet-stream]
Saving to: 'node_exporter-1.3.1.linux-amd64.tar.gz'
   2023-07-21 22:17:58 (248 KB/s) - 'node exporter-1.3.1.linux-amd64.tar.gz' saved [9033415/9033415]
     np@hp-HP-EliteBook-Folio-9470m:/tmp$ tar -xvf node exporter-1.3.1.linux-amd64.tar.gz
  npdnp-Hr-EttteBook-Fotto-3470H; /mpg tal -xvl
node_exporter-1.3.1.linux-amd64/LICENSE
node_exporter-1.3.1.linux-amd64/NoTICE
node_exporter-1.3.1.linux-amd64/node_exporter
                                                                                                            m:~S sudo systemctl status prometheus
    prometheus.service - Prometheus
Loaded: loaded (/etc/systemd/system/prometheus.service; enabled; vendor preset: enabled)
Active: active (running) since Fri 2023-07-21 22:27:37 EEST; 5s ago
          Main PID: 11379 (prometheus)
Tasks: 10 (limit: 9265)
Memory: 18.5M
                  22:27:37 21 يول hp-HP-EliteBook-Folio-9470m prometheus[11379]: ts=2023-07-21T19:27:37.914Z caller=head.go:536 level=info component=tsdb msg=">22:27:37 21 يول hp-HP-EliteBook-Folio-9470m prometheus[11379]: ts=2023-07-21T19:27:37.914Z caller=head.go:613 level=info component=tsdb msg=">22:27:38 21 له hp-HP-EliteBook-Folio-9470m prometheus[11379]: ts=2023-07-21T19:27:38.046Z caller=head.go:613 level=info component=tsdb msg=">22:27:38 21 له hp-HP-EliteBook-Folio-9470m prometheus[11379]: ts=2023-07-21T19:27:38.047Z caller=head.go:613 level=info component=tsdb msg=">22:27:38 21 له hp-HP-EliteBook-Folio-9470m prometheus[11379]: ts=2023-07-21T19:27:38.047Z caller=head.go:619 level=info component=tsdb msg=">22:27:38 21 له hp-HP-EliteBook-Folio-9470m prometheus[11379]: ts=2023-07-21T19:27:38.049Z caller=main.go:978 level=info fs_type=EXT4_SUPER_M>22:27:38 21 له hp-HP-EliteBook-Folio-9470m prometheus[11379]: ts=2023-07-21T19:27:38.049Z caller=main.go:978 level=info msg="TSDB started" 22:27:38 21 له hp-HP-EliteBook-Folio-9470m prometheus[11379]: ts=2023-07-21T19:27:38.049Z caller=main.go:9162 level=info msg="Completed load-22:27:38 21 له hp-HP-EliteBook-Folio-9470m prometheus[11379]: ts=2023-07-21T19:27:38.050Z caller=main.go:930 level=info msg="Completed load-22:27:38 21 له hp-HP-EliteBook-Folio-9470m prometheus[11379]: ts=2023-07-21T19:27:38.050Z caller=main.go:930 level=info msg="Completed load-22:27:38 21 له hp-HP-EliteBook-Folio-9470m prometheus[11379]: ts=2023-07-21T19:27:38.050Z caller=main.go:930 level=info msg="Completed load-22:27:38 21 له hp-HP-EliteBook-Folio-9470m prometheus[11379]: ts=2023-07-21T19:27:38.050Z caller=main.go:930 level=info msg="Completed load-22:27:38 21 له hp-HP-EliteBook-Folio-9470m prometheus[11379]: ts=2023-07-21T19:27:38.050Z caller=main.go:930 level=info msg="Completed load-22:27:38 21 له hp-HP-EliteBook-Folio-9470m prometheus[11379]: ts=2023-07-21T19:27:38.050Z caller=main.go:930 level=info msg="Completed load-22:27:38 21 له hp-HP-EliteBook-Folio-9470m prometheus[11379]: ts=2023-07-21T1
```

### 2) Prometheus.yml file

- Sudo vi /etc/prometheus/prometheus.yml
- Add target
- Then restart



# 3) Query

