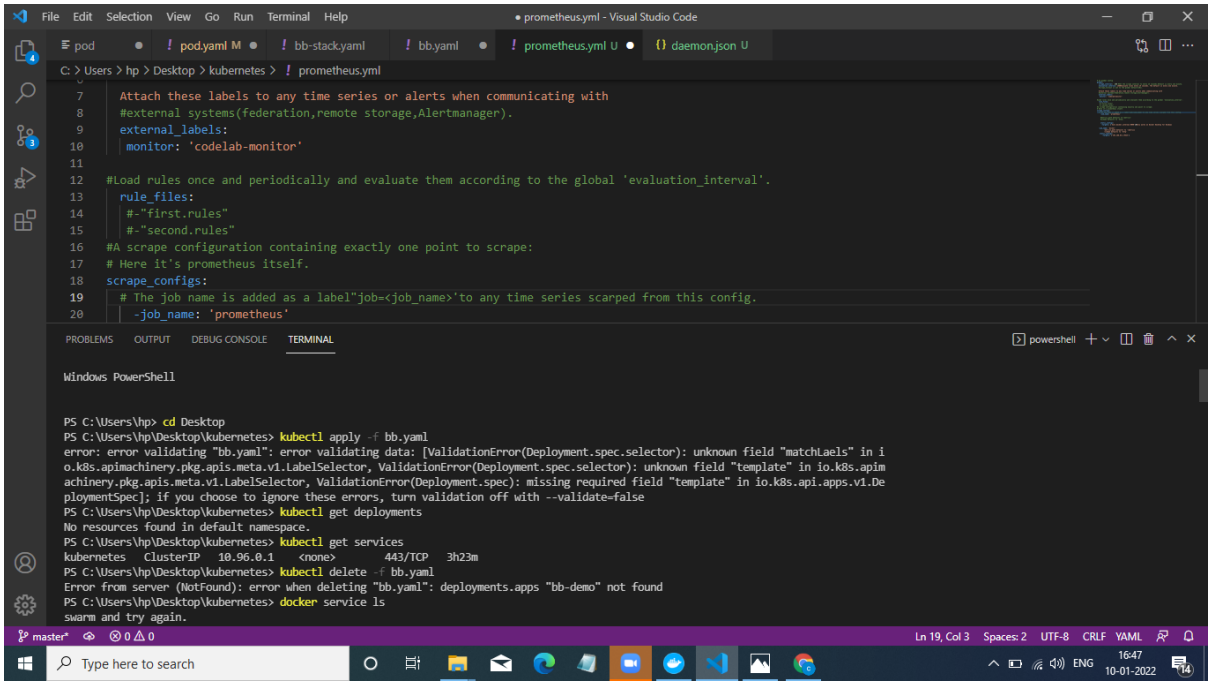
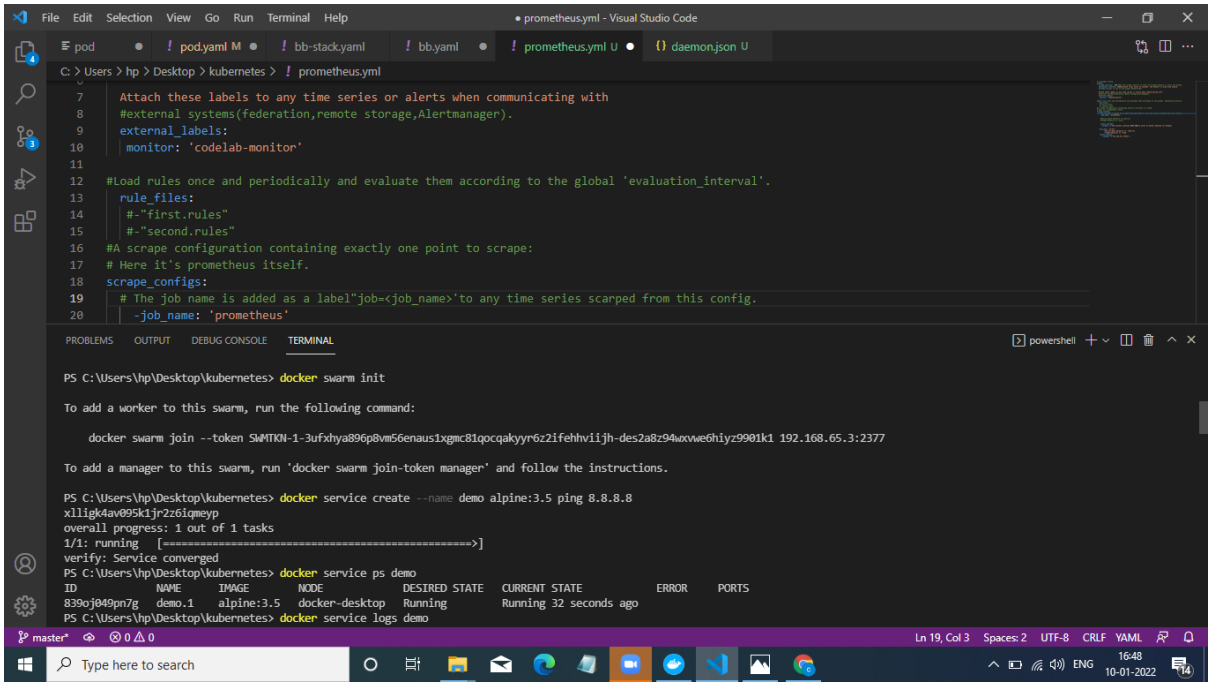
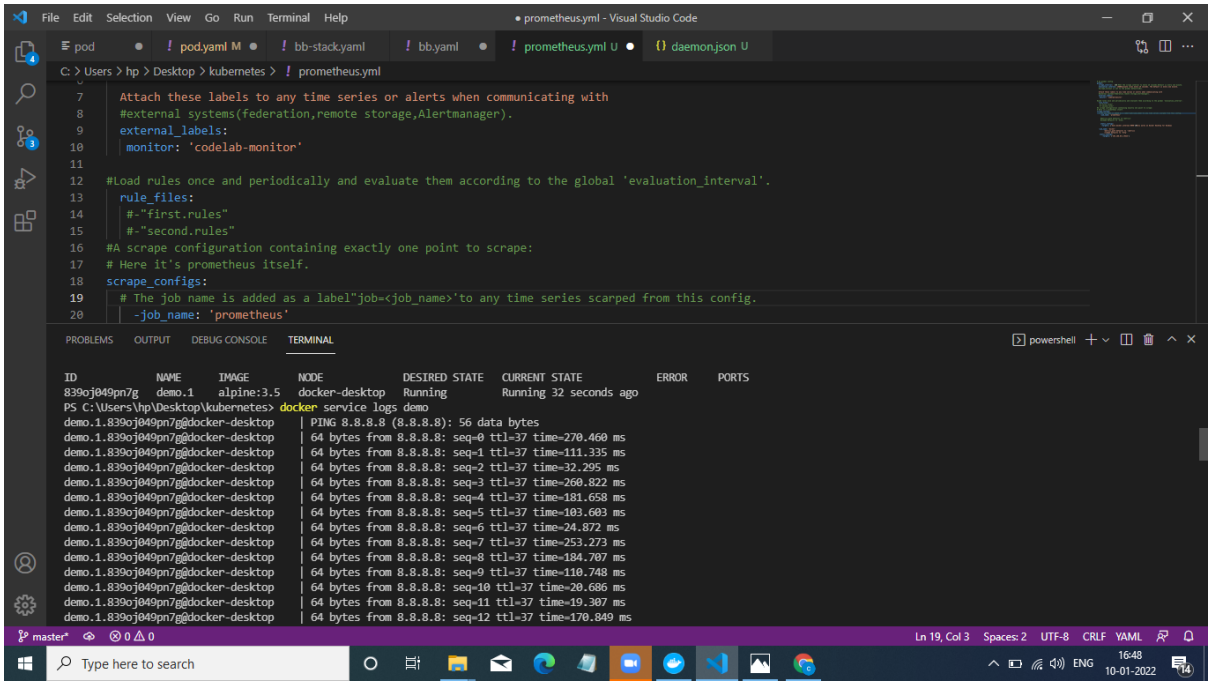
KUBERNETES

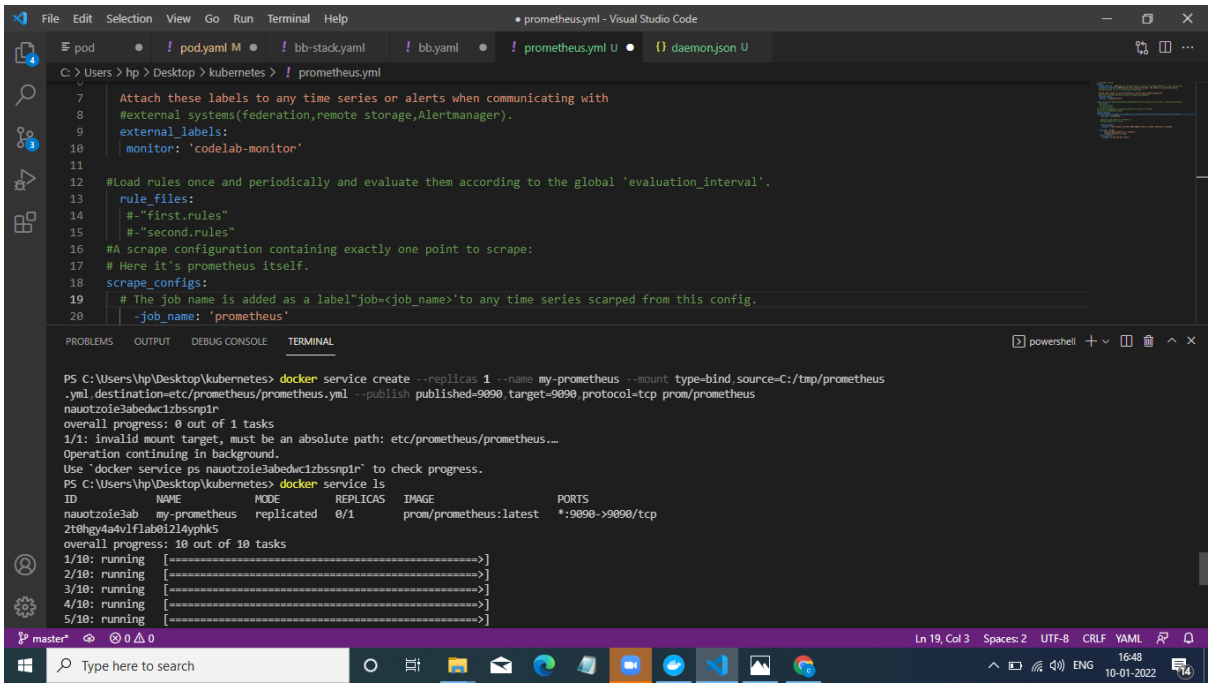
1.ENABLING KUBERNETES

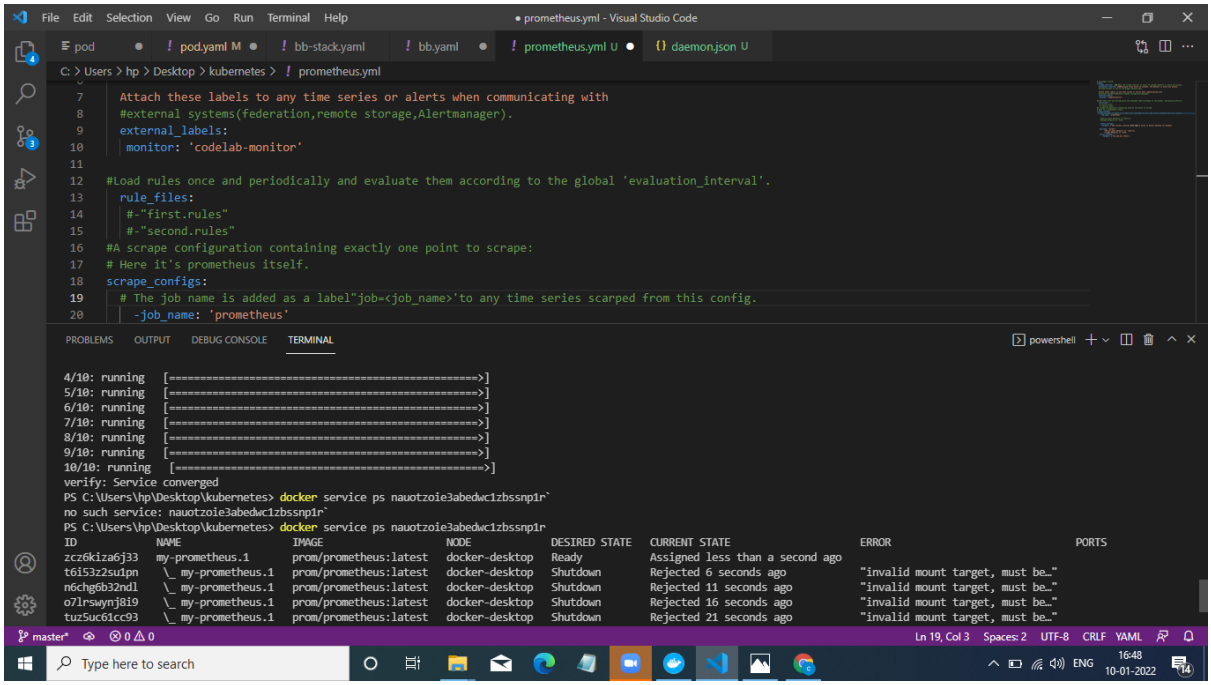


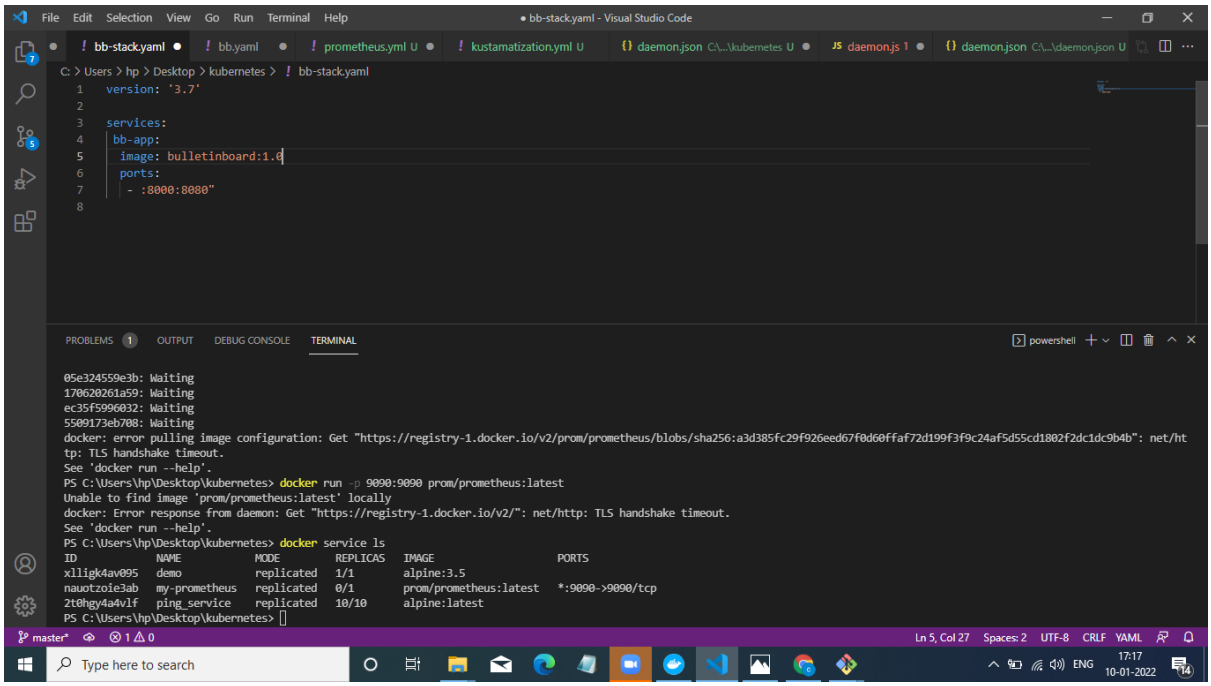


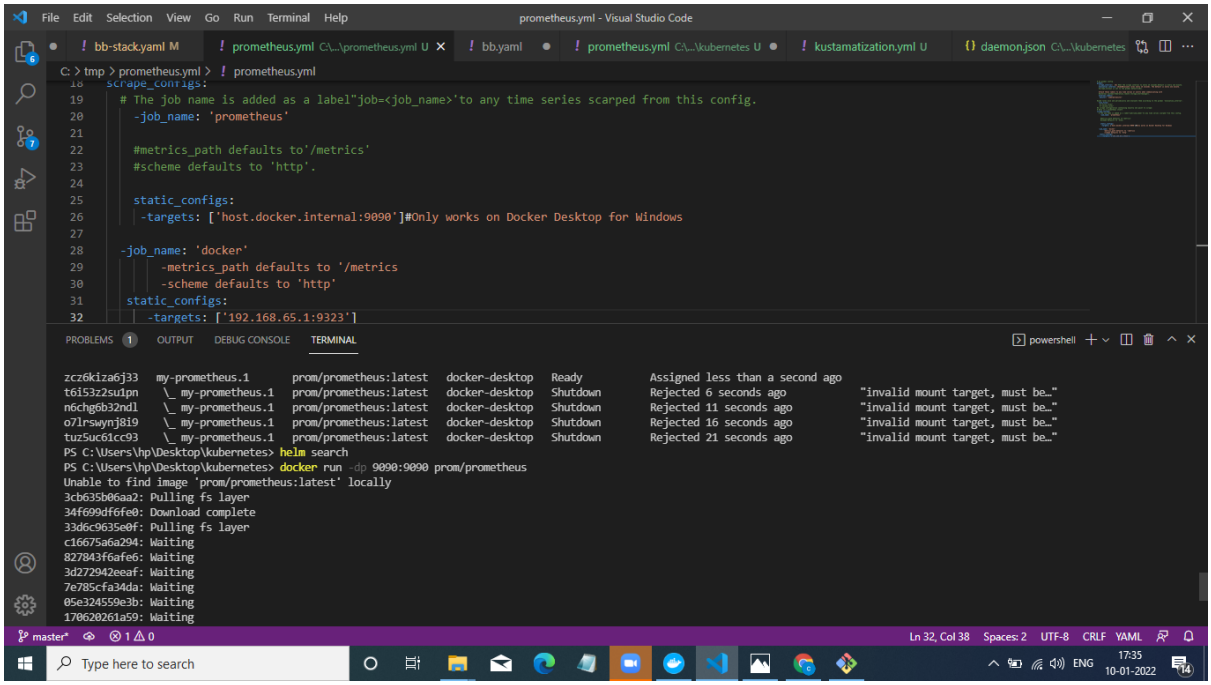


2.DEPLOY TO SWARM




File Edit Selection View Go Run Terminal Help
• prometheus.yml - Visual Studio Code
pod
pod.yaml M
bb-stack.yaml
bb.yaml
prometheus.yml U
daemon.json U
C: > Users > hp > Desktop > kubernetes > prometheus.yml
Attach these labels to any time series or alerts when communicating with
#external systems(federation,remote storage,Alertmanager).
external_labels:
monitor: 'codelab-monitor'
#Load rules once and periodically and evaluate them according to the global 'evaluation_interval'.
rule_files:
#-"first.rules"
#-"second.rules"
#A scrape configuration containing exactly one point to scrape:
Here it's prometheus itself.
scrape_configs:
The job name is added as a label"job=<job_name>'to any time series scarped from this config.
-job_name: 'prometheus'
PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL
powershell
4/10: running [==========>]
5/10: running [==========>]
6/10: running [==========>]
7/10: running [==========>]
8/10: running [==========>]
9/10: running [==========>]
10/10: running [==========>]
verify: Service converged
PS C:\Users\hp\Desktop\kubernetes> docker service ps nauotzoie3abedwc1zbssnp1r`
no such service: nauotzoie3abedwc1zbssnp1r`
PS C:\Users\hp\Desktop\kubernetes> docker service ps nauotzoie3abedwc1zbssnp1r
ID NAME IMAGE NODE DESIRED STATE CURRENT STATE ERROR PORTS
zcz6kiza6j33 my-prometheus.1 prom/prometheus:latest docker-desktop Ready Assigned less than a second ago
t6i53z2su1pn _ my-prometheus.1 prom/prometheus:latest docker-desktop Shutdown Rejected 6 seconds ago "invalid mount target, must be…"
n6chg6b32nd1 _ my-prometheus.1 prom/prometheus:latest docker-desktop Shutdown Rejected 11 seconds ago "invalid mount target, must be…"
o7lrswynj8i9 _ my-prometheus.1 prom/prometheus:latest docker-desktop Shutdown Rejected 16 seconds ago "invalid mount target, must be…"
tuz5uc61cc93 _ my-prometheus.1 prom/prometheus:latest docker-desktop Shutdown Rejected 21 seconds ago "invalid mount target, must be…"
master*
Ln 19, Col 3 Spaces: 2 UTF-8 CRLF YAML
Type here to search
ENG
16:48
10-01-2022


File Edit Selection View Go Run Terminal Help
• bb-stack.yaml - Visual Studio Code
bb-stack.yaml
bb.yaml
prometheus.yml U
kustamatization.yml U
daemon.json C:\...\kubernetes U
daemon.js 1
daemon.json C:\...\daemon.json U
C: > Users > hp > Desktop > kubernetes > bb-stack.yaml
version: '3.7'
services:
bb-app:
image: bulletinboard:1.0
ports:
- :8000:8080"
PROBLEMS 1 OUTPUT DEBUG CONSOLE TERMINAL
powershell
05e324559e3b: Waiting
170620261a59: Waiting
ec35f5996032: Waiting
5509173eb708: Waiting
docker: error pulling image configuration: Get "https://registry-1.docker.io/v2/prom/prometheus/blobs/sha256:a3d385fc29f926eed67f0d60ffaf72d199f3f9c24af5d55cd1802f2dc1dc9b4b": net/http: TLS handshake timeout.
See 'docker run --help'.
PS C:\Users\hp\Desktop\kubernetes> docker run -p 9090:9090 prom/prometheus:latest
Unable to find image 'prom/prometheus:latest' locally
docker: Error response from daemon: Get "https://registry-1.docker.io/v2/": net/http: TLS handshake timeout.
See 'docker run --help'.
PS C:\Users\hp\Desktop\kubernetes> docker service ls
ID NAME MODE REPLICAS IMAGE PORTS
xlligk4av095 demo replicated 1/1 alpine:3.5
nauotzoie3ab my-prometheus replicated 0/1 prom/prometheus:latest *:9090->9090/tcp
2t0hgy4a4vlf ping_service replicated 10/10 alpine:latest
PS C:\Users\hp\Desktop\kubernetes>
master*
Ln 5, Col 27 Spaces: 2 UTF-8 CRLF YAML
Type here to search
ENG
17:17
10-01-2022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prometheus.yml - Visual Studio Code
bb-stack.yaml M
prometheus.yml C:\...\prometheus.yml U
bb.yaml
prometheus.yml C:\...\kubernetes U
kustamatization.yml U
daemon.json C:\...\kubernetes
C: > tmp > prometheus.yml > prometheus.yml
scrape_configs:
The job name is added as a label"job=<job_name>'to any time series scarped from this config.
-job_name: 'prometheus'
#metrics_path defaults to'/metrics'
#scheme defaults to 'http'.
static_configs:
-targets: ['host.docker.internal:9090']#Only works on Docker Desktop for Windows
-job_name: 'docker'
-metrics_path defaults to '/metrics
-scheme defaults to 'http'
static_configs:
-targets: ['192.168.65.1:9323']
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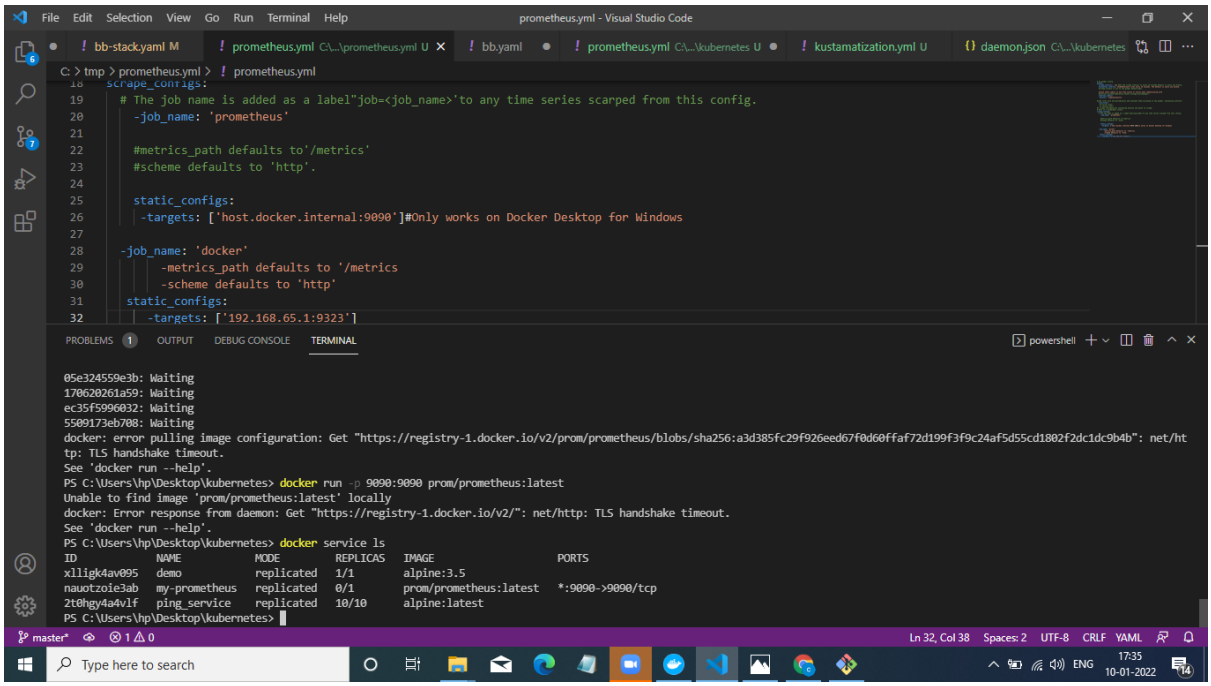
PS C:\Users\hp\Desktop\kubernetes> helm search
PS C:\Users\hp\Desktop\kubernetes> docker run -dp 9090:9090 prom/prometheus
Unable to find image 'prom/prometheus:latest' locally
3cb635b06aa2: Pulling fs layer
34f699df6fe0: Download complete
33d6c9635e0f: Pulling fs layer
c16675a6a294: Waiting
827843f6afe6: Waiting
3d272942eeaf: Waiting
7e785cfa34da: Waiting
05e324559e3b: Waiting
170620261a59: Waiting
master* 1 0
Ln 32, Col 38 Spaces: 2 UTF-8 CRLF YAML
Type here to search
ENG 17:35 10-01-2022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2t0hgy4a4vlf ping_service replicated 10/10 alpine:latest
PS C:\Users\hp\Desktop\kubernetes>
master* 1 0
Ln 32, Col 38 Spaces: 2 UTF-8 CRLF YAML
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