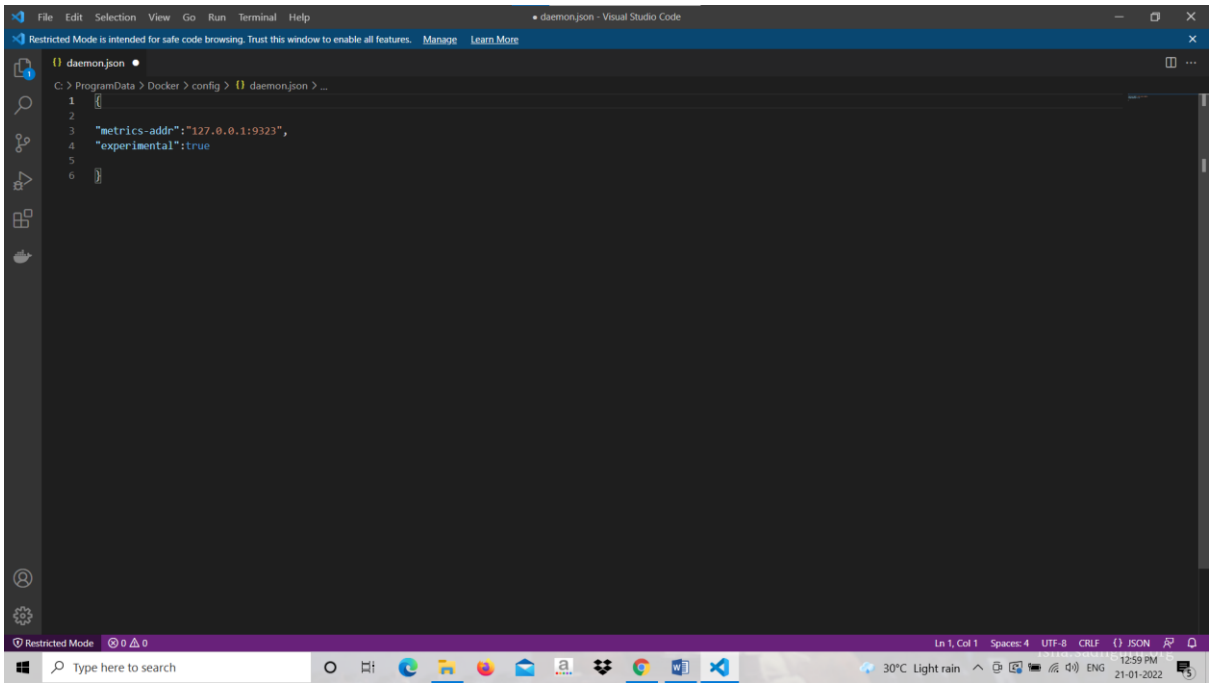
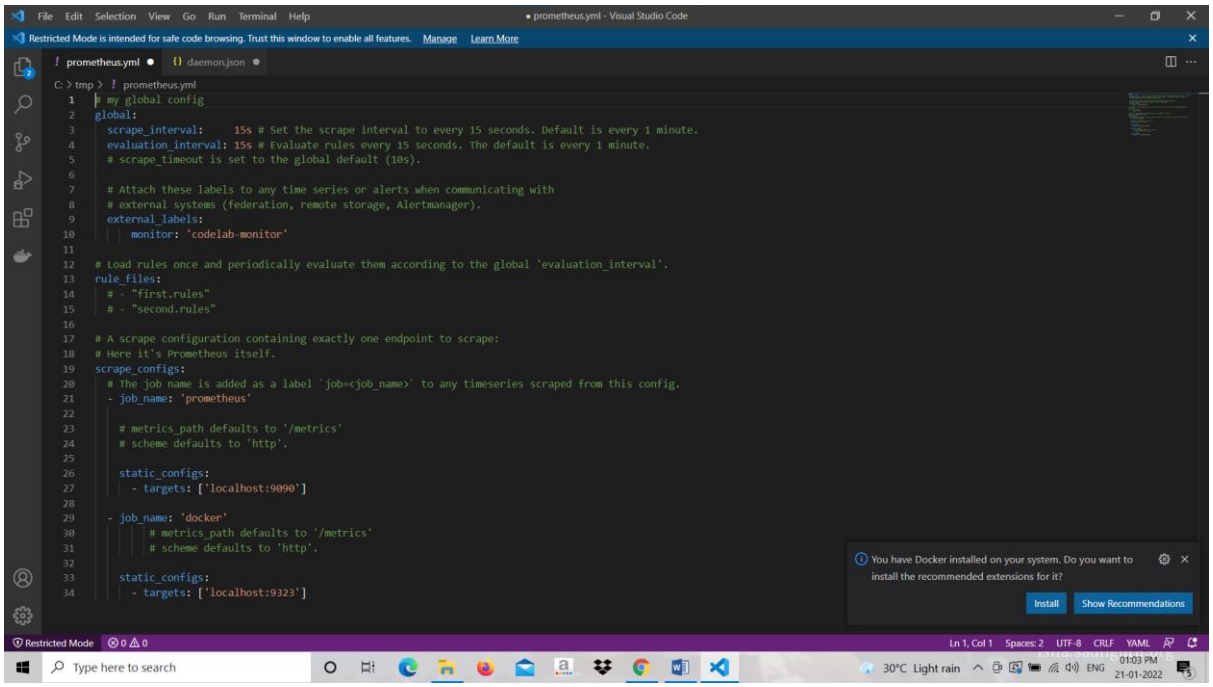
Configuring Docker using Prometheus.

Specifying metrics-address for configuring docker daemon as a Prometheus target. For that created a daemon.json file.

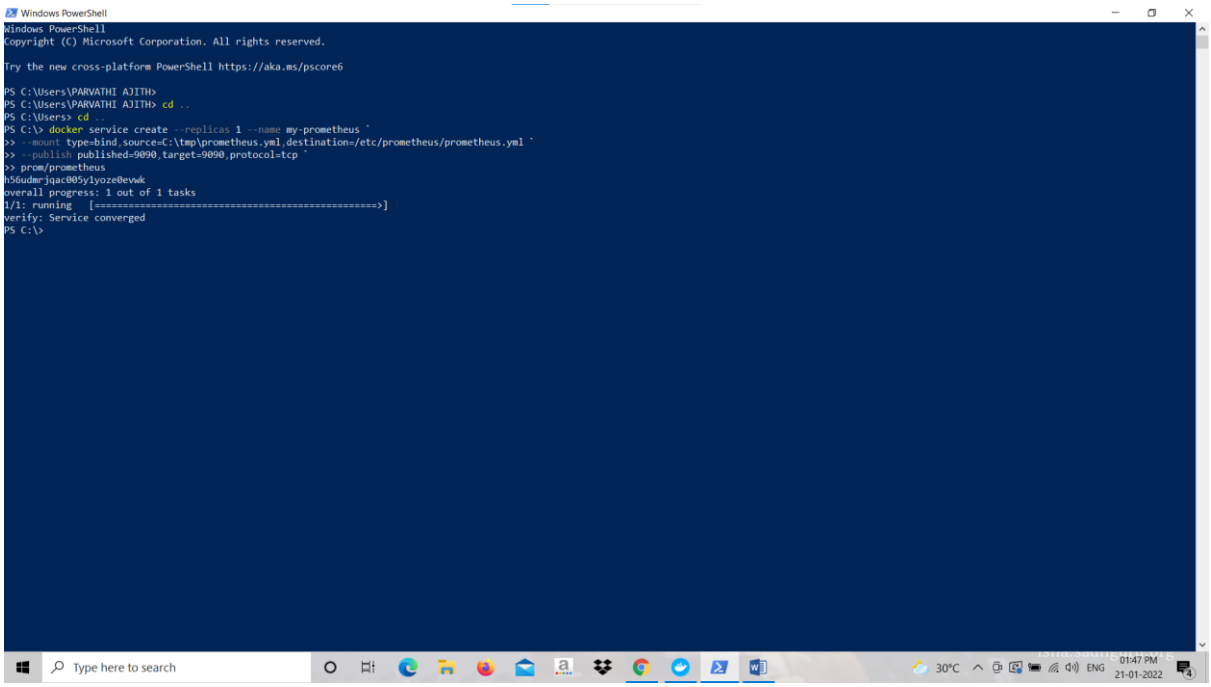
In C:\Programdata\docker\config\daemon.json



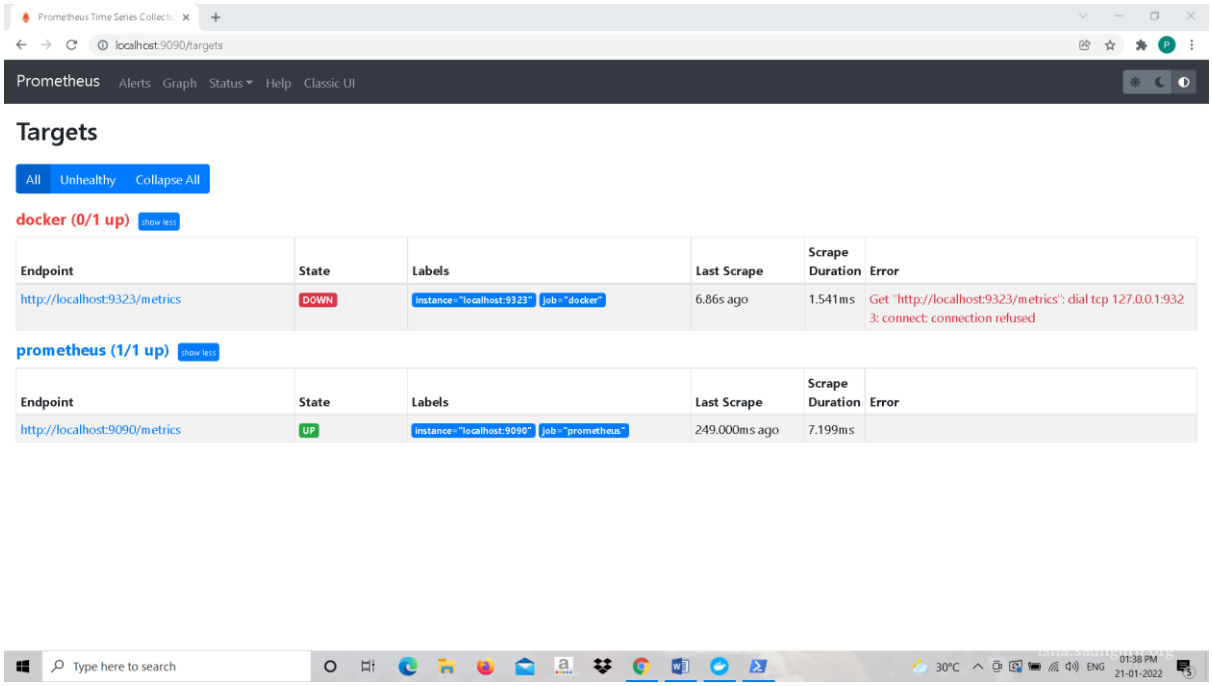
Created Prometheus.yml file in C:\tmp\prometheus.yml (Windows)



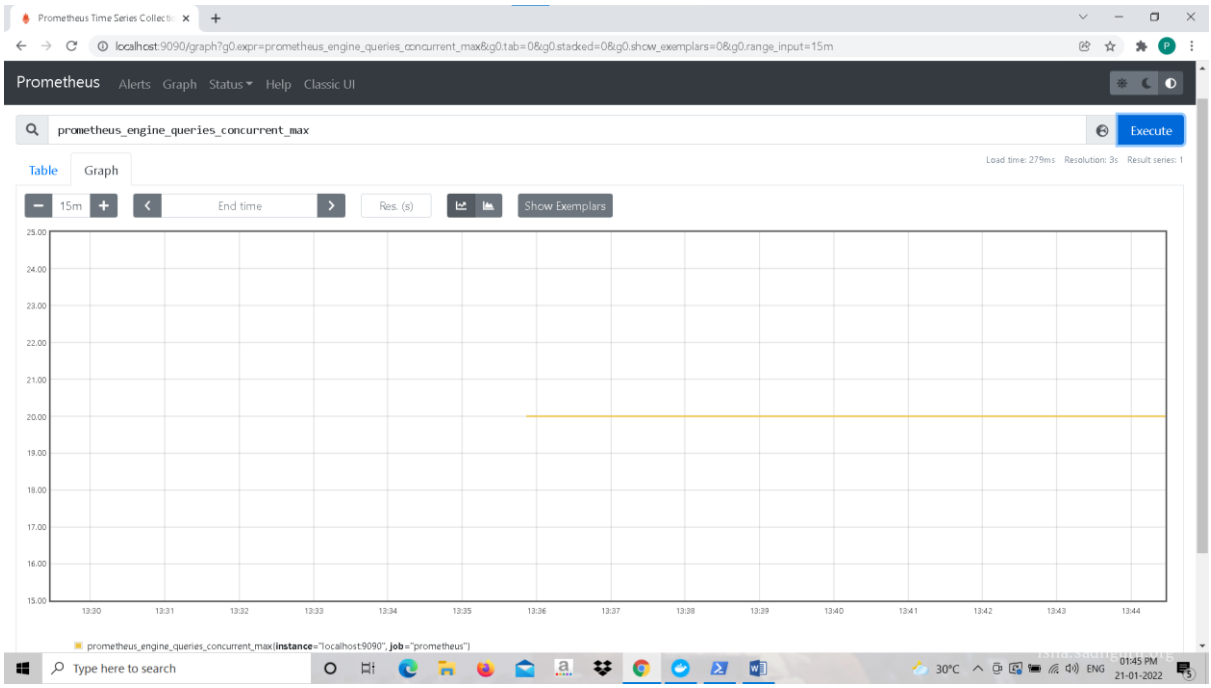
Starting a single-replica Prometheus service using this configuration



Verifying that the docker target is listed at http://localhost:9090/targets/.



Creating a graph



Creating some network actions by starting a service with 5 tasks that just ping docker non-stop.

P C:/> docker service create `

--replicas 5 `

--name ping_service `

Alpine ping docker.com

Now after a few minutes when we reload the graph, we will get a diff graph with those network actions on it.

To stop the service:

docker service remove ping_service command is used