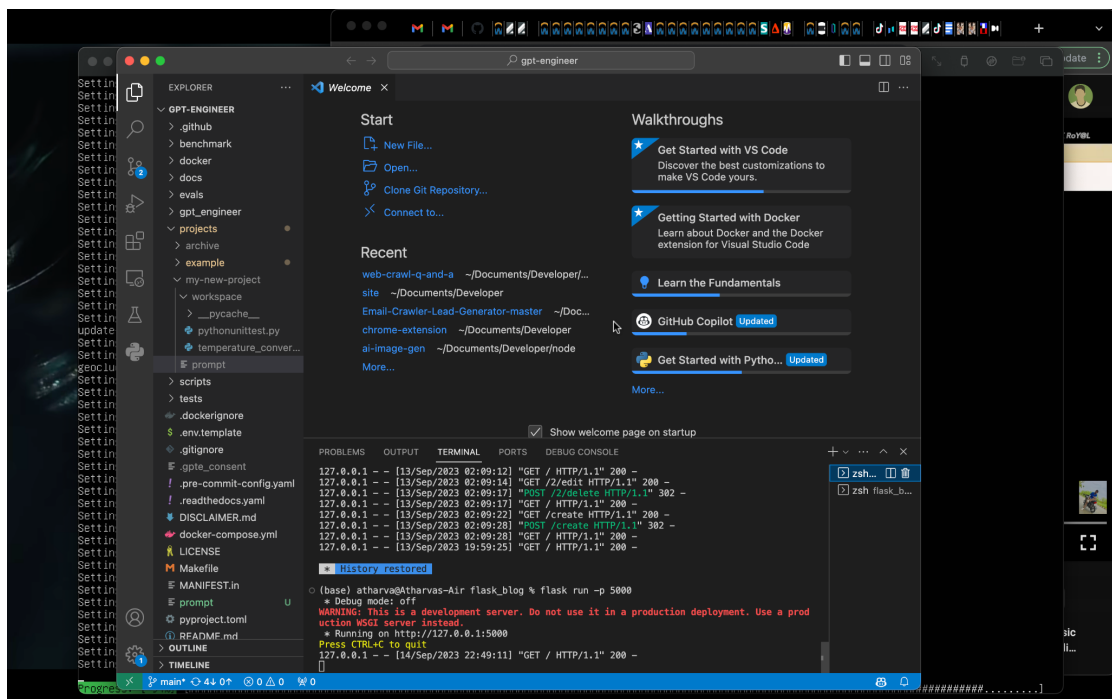
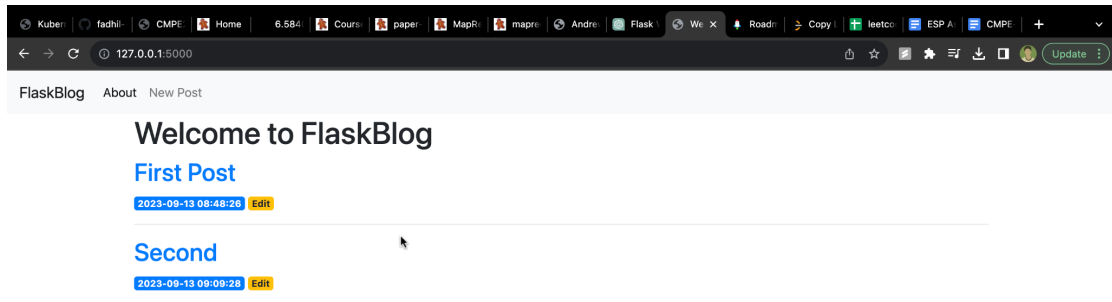
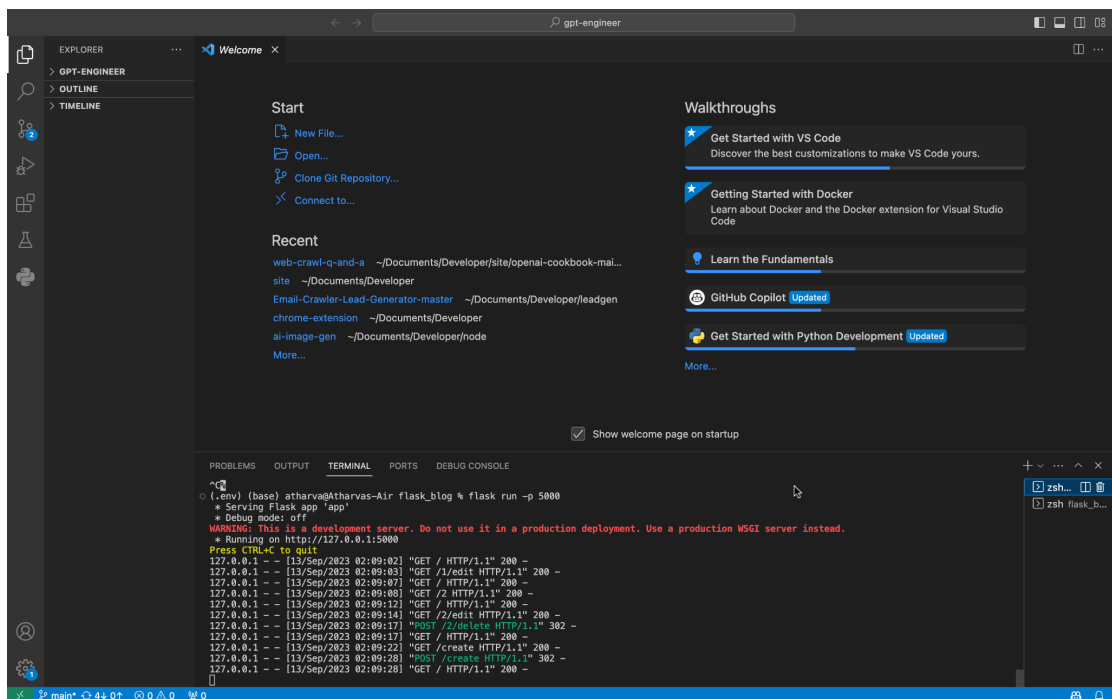
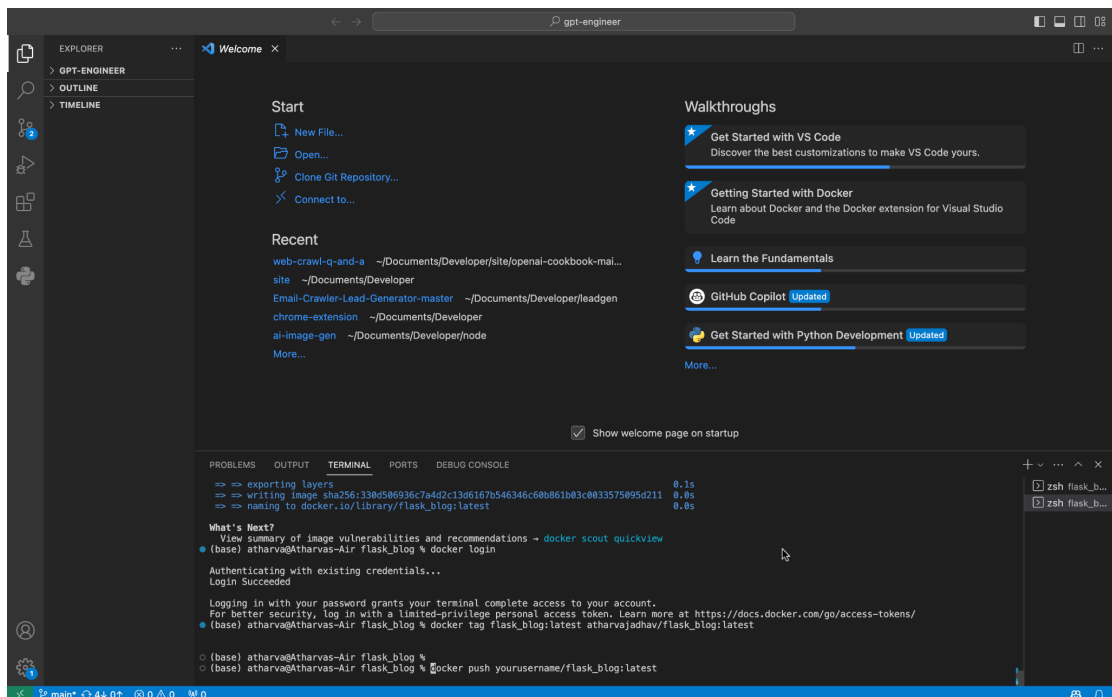


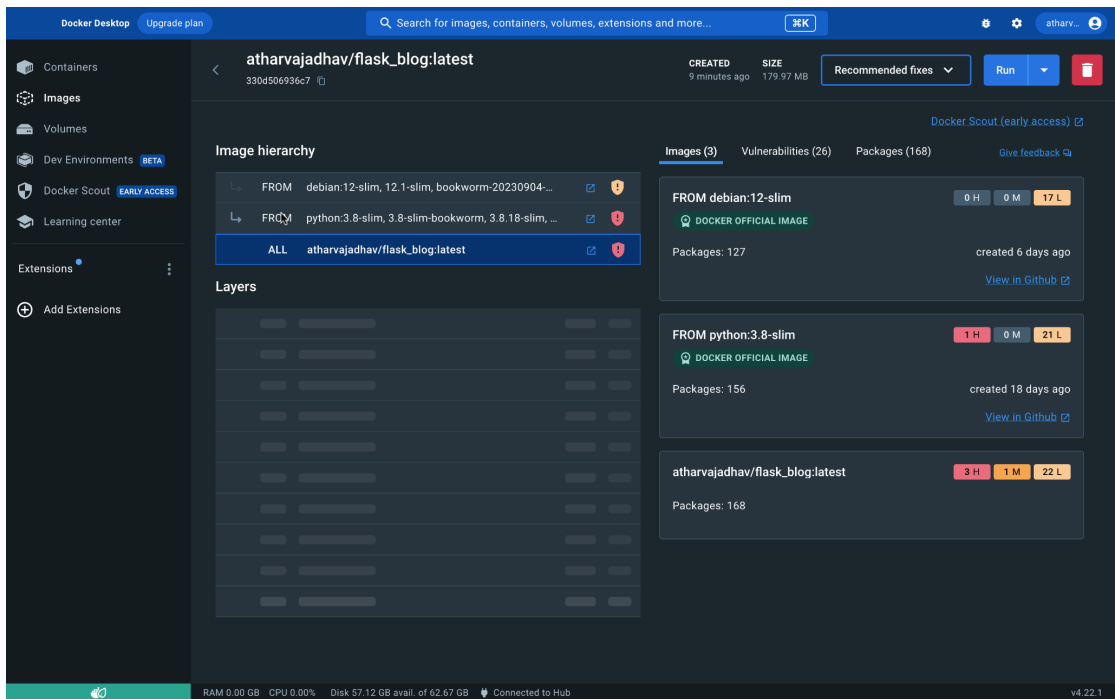
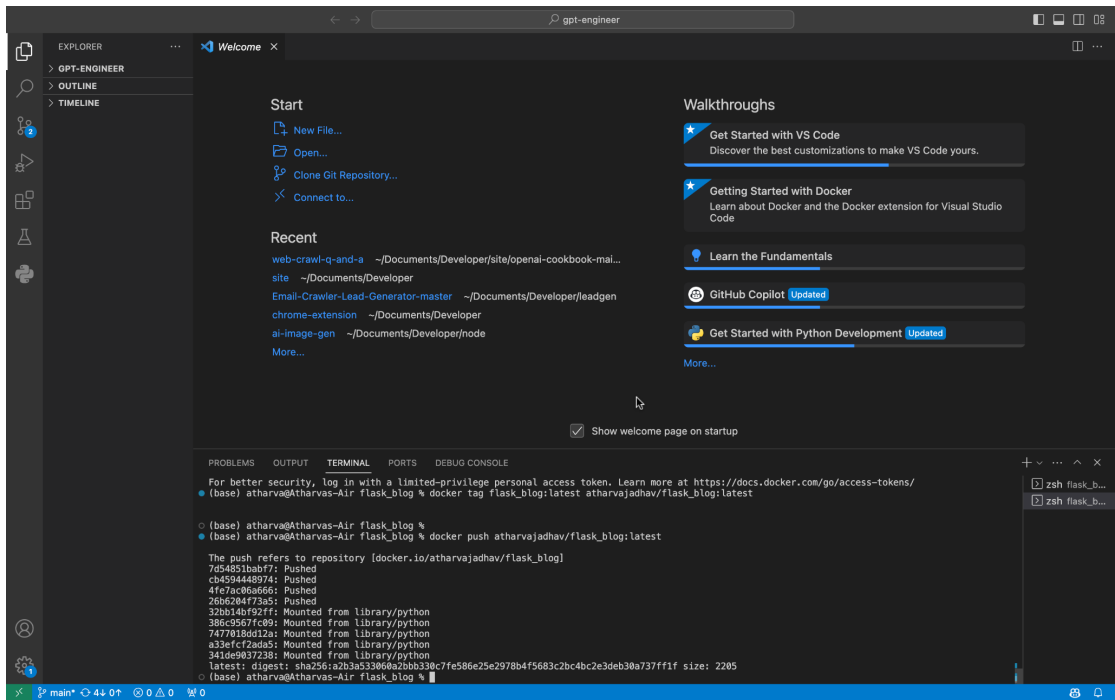
Compare performance of an application running in VMs vs containers:

I used the same flask application with basic crud functionalities to use with a container and the docker.

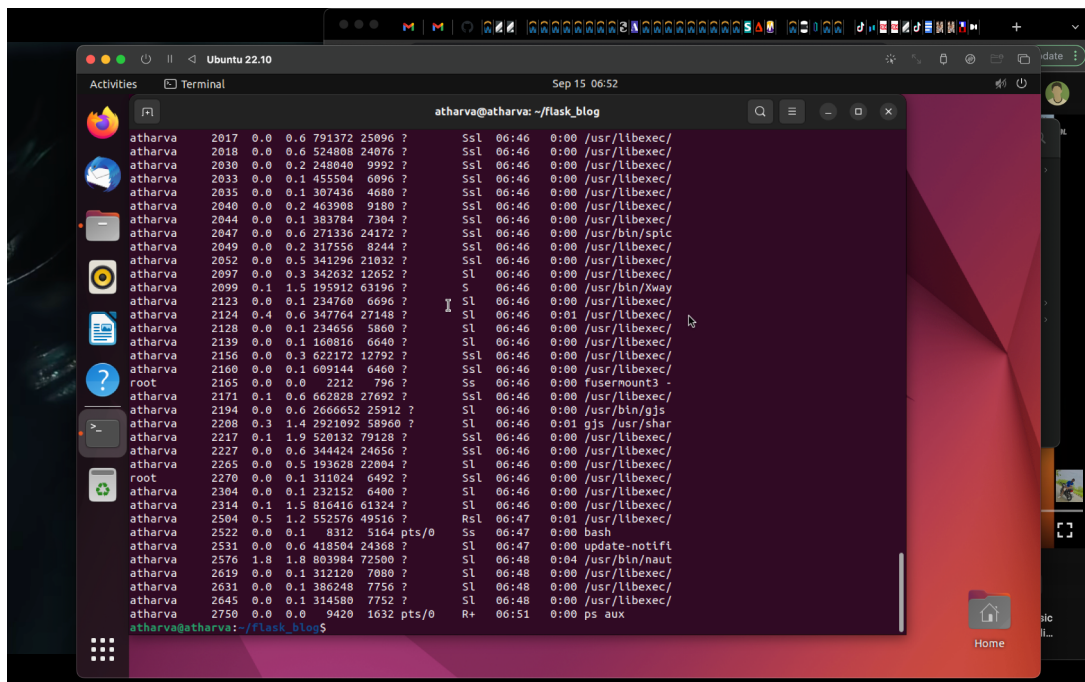
Docker:







Ubuntu VM:



Comparison of the metric as below

Metric	UTM Ubuntu VM	Docker Container
Application startup time	0.12 sec	0.1 sec
CPU Utilization	0.12%	0.04%
Memory Utilization	30 MB	22 MB

Apache benchmarking (ab)-

Request throughput = 671

Response time = 16.49 ms