1. C:\Users\Hassan IPRI\Documents\DevOps Class lab\Assignment 1>docker run assign1:1.0

INFO: Started server process [1]

INFO: Waiting for application startup.

INFO: Application startup complete.

INFO: Uvicorn running on http://0.0.0.0:2010 (Press CTRL+C to quit)

1. C:\Users\Hassan IPRI\Documents\DevOps Class lab\Assignment 1>docker ps

CONTAINER ID IMAGE COMMAND CREATED STATUS PORTS NAMES

1034011778d2 assign1:1.0 "python main.py" 6 seconds ago Up 4 seconds hungry\_wozniak

d2871e2e9ff4 assign1:1.0 "python main.py" 6 hours ago Up 6 hours 0.0.0.0:2010->2010/tcp 1st\_assign

1. C:\Users\Hassan IPRI\Documents\DevOps Class lab\Assignment 1>docker logs 1st\_assign

INFO: Started server process [1]

INFO: Waiting for application startup.

INFO: Application startup complete.

INFO: Uvicorn running on http://0.0.0.0:2010 (Press CTRL+C to quit)

INFO: 172.17.0.1:52136 - "GET /count HTTP/1.1" 200 OK

INFO: 172.17.0.1:52136 - "GET /count HTTP/1.1" 200 OK

INFO: 172.17.0.1:52136 - "GET /docs HTTP/1.1" 200 OK

INFO: 172.17.0.1:52136 - "GET /openapi.json HTTP/1.1" 200 OK

1. C:\Users\Hassan IPRI\Documents\DevOps Class lab\Assignment 1>docker inspect assign1:1.0

[

{

"Id": "sha256:b0e0301f15a1279f72fdf1125f9cb06c422229562a3144d0bd6bf5c9fdb01f91",

"RepoTags": [

"dockerassign/assign1:1.0",

"assign1:1.0"

],

"RepoDigests": [],

"Parent": "",

"Comment": "buildkit.dockerfile.v0",

"Created": "2023-11-12T09:32:47.283664011Z",

"Container": "",

"ContainerConfig": {

"Hostname": "",

"Domainname": "",

"User": "",

"AttachStdin": false,

"AttachStdout": false,

"AttachStderr": false,

"Tty": false,

"OpenStdin": false,

"StdinOnce": false,

"Env": null,

"Cmd": null,

"Image": "",

"Volumes": null,

"WorkingDir": "",

"Entrypoint": null,

"OnBuild": null,

"Labels": null

},

"DockerVersion": "",

"Author": "",

"Config": {

"Hostname": "",

"Domainname": "",

"User": "",

"AttachStdin": false,

"AttachStdout": false,

"AttachStderr": false,

"Tty": false,

"OpenStdin": false,

"StdinOnce": false,

"Env": [

"PATH=/usr/local/bin:/usr/local/sbin:/usr/local/bin:/usr/sbin:/usr/bin:/sbin:/bin",

"LANG=C.UTF-8",

"GPG\_KEY=7169605F62C751356D054A26A821E680E5FA6305",

"PYTHON\_VERSION=3.12.0",

"PYTHON\_PIP\_VERSION=23.2.1",

"PYTHON\_GET\_PIP\_URL=https://github.com/pypa/get-pip/raw/c6add47b0abf67511cdfb4734771cbab403af062/public/get-pip.py",

"PYTHON\_GET\_PIP\_SHA256=22b849a10f86f5ddf7ce148ca2a31214504ee6c83ef626840fde6e5dcd809d11"

],

"Cmd": null,

"ArgsEscaped": true,

"Image": "",

"Volumes": null,

"WorkingDir": "",

"Entrypoint": [

"python",

"main.py"

],

"OnBuild": null,

"Labels": null

},

"Architecture": "amd64",

"Os": "linux",

"Size": 1045136771,

"VirtualSize": 1045136771,

"GraphDriver": {

"Data": {

"LowerDir": "/var/lib/docker/overlay2/zaluh0p0alvn44drktwqxzoa8/diff:/var/lib/docker/overlay2/nj7s3syt5vtehe9bbyjx7f2ok/diff:/var/lib/docker/overlay2/e5122d877d108c3d11e2b4466cdd39ed8de5380bb655a0cd02b0342cccbde6d2/diff:/var/lib/docker/overlay2/671787fdb737e81905661d372382e8144c532bd37ff65d707744c7773648ef78/diff:/var/lib/docker/overlay2/d156eb351deb8f3db66f4bfd4ba3638137e71e7fc48203f34c45733161b2dce8/diff:/var/lib/docker/overlay2/30429d423cd409cf4e46fffa12a1ec28e1929e7253d5b499e309e6a1b9e4b46a/diff:/var/lib/docker/overlay2/70a0a6282cdceeb0cfcb4b481f5c5221f769f9f4b8ede924b946307393e4eca6/diff:/var/lib/docker/overlay2/739b4af0dad4043ca9c3397c45c518c3ed4caf0679232ab4e03c0239685ed59e/diff:/var/lib/docker/overlay2/57bc958111c0b5b4daff3ddea71d3318ac92ba076bc63acfedaa9a9ec769662e/diff:/var/lib/docker/overlay2/80d5a25f8f52f8423dcfabf08855476e308dbc817e0ab2f9a516cc6b82f17324/diff",

"MergedDir": "/var/lib/docker/overlay2/isau7k38dzag71kgudog8qdyh/merged",

"UpperDir": "/var/lib/docker/overlay2/isau7k38dzag71kgudog8qdyh/diff",

"WorkDir": "/var/lib/docker/overlay2/isau7k38dzag71kgudog8qdyh/work"

},

"Name": "overlay2"

},

"RootFS": {

"Type": "layers",

"Layers": [

"sha256:1777ac7d307bcbda4fe79323a921eda8d39d97513677ecda31b82244e7876520",

"sha256:29e49b59edda8f520e3289a0df2f1aedc8c6774212c2b430359c9603310a3838",

"sha256:266def75d28e675320db1c5d2870ff3ed8f2e7a78537a35fe495fbff6baa9dc7",

"sha256:12b956927ba2b8fd3b59cd4db0f17068758e60eeb710ed307a0b006ddbf290b5",

"sha256:86e50e0709eebc0f2f9de74341dd7330faa7cfe38a28d2cb2549d9b4629892f5",

"sha256:ac630c4fd9602de2d6c99123caadba88885101582787ec1df5b2edee59834db2",

"sha256:619584b251c8772c9d769a0fe95991e66785da834933e9ee9e49572422013cf3",

"sha256:701d0b971f5f2c26b39eef7be204ffb84e491270a2181c115f952a1573f9e024",

"sha256:8235090ff47b73432be41e348a0aec9d481962d2b45c639f33817e8dbf888c80",

"sha256:034114ed35a435527d2c493df2dbb57576596c39feb57a6529d7f8ee2bc6b5a8",

"sha256:ebe5b80a833eec80f2c4a0dd3671d4cdeaa0e78fce1e8f9beb221bc27822b5b0"

]

},

"Metadata": {

"LastTagTime": "2023-11-12T10:49:16.990387996Z"

}

}

]

1. C:\Users\Hassan IPRI\Documents\DevOps Class lab\Assignment 1> docker exec -d hungry\_wozniak touch /tmp/execWorks

C:\Users\Hassan IPRI\Documents\DevOps Class lab\Assignment 1>

1. C:\Users\Hassan IPRI\Documents\DevOps Class lab\Assignment 1>docker commit d2871e2e9ff4 svendowideit/testimage:version3

sha256:39828326d10ad1145f8d159dd3dc408c1f72425a3c7e3668730b798930957efa

1. C:\Users\Hassan IPRI\Documents\DevOps Class lab\Assignment 1>docker stop 1st\_assign

1st\_assign

1. C:\Users\Hassan IPRI\Documents\DevOps Class lab\Assignment 1>docker stats

CONTAINER ID NAME CPU % MEM USAGE / LIMIT MEM % NET I/O BLOCK I/O PIDS

063ec4061f1c exciting\_williamson 0.02% 35.67MiB / 3.713GiB 0.94% 1.16kB / 0B 0B / 0B 1

CONTAINER ID NAME CPU % MEM USAGE / LIMIT MEM % NET I/O BLOCK I/O PIDS

063ec4061f1c exciting\_williamson 0.02% 35.67MiB / 3.713GiB 0.94% 1.16kB / 0B 0B / 0B 1

CONTAINER ID NAME CPU % MEM USAGE / LIMIT MEM % NET I/O BLOCK I/O PIDS

063ec4061f1c exciting\_williamson 0.26% 35.67MiB / 3.713GiB 0.94% 1.16kB / 0B 0B / 0B 1

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1. C:\Users\Hassan IPRI\Documents\DevOps Class lab\Assignment 1>docker top exciting\_williamson

UID PID PPID C STIME TTY TIME CMD

root 4367 4346 0 16:48 ? 00:00:02 python main.py

1. C:\Users\Hassan IPRI\Documents\DevOps Class lab\Assignment 1>docker start exciting\_williamson

C:\Users\Hassan IPRI\Documents\DevOps Class lab\Assignment 1>

1. C:\Users\Hassan IPRI\Documents\DevOps Class lab\Assignment 1>docker pause exciting\_williamson

exciting\_williamson

1. C:\Users\Hassan IPRI\Documents\DevOps Class lab\Assignment 1>docker unpause exciting\_williamson

exciting\_williamson

1. C:\Users\Hassan IPRI\Documents\DevOps Class lab\Assignment 1>docker rename exciting\_williamson my\_assign1
2. C:\Users\Hassan IPRI\Documents\DevOps Class lab\Assignment 1>docker port my\_assign1

2010/tcp -> 0.0.0.0:2010

1. C:\Users\Hassan IPRI\Documents\DevOps Class lab\Assignment 1>docker update --cpu-shares 512 my\_assign1

my\_assign1

1. C:\Users\Hassan IPRI\Documents\DevOps Class lab\Assignment 1>docker restart my\_assign1

my\_assign1

1. C:\Users\Hassan IPRI\Documents\DevOps Class lab\Assignment 1>docker rm my\_assign1

my\_assign1