Ankush Singh
WORKSHOP_4

Screenshots of the WorkShop_4

```
C:\Users\singh\WorkShop_4>docker rm $(docker ps -a -f status=exited -f status=created -q)
unknown shorthand flag: 'a' in -a
See 'docker rm --help'.

C:\Users\singh\WorkShop_4>docker ps -a
CONTAINER ID   IMAGE     COMMAND    CREATED    STATUS     PORTS      NAMES

C:\Users\singh\WorkShop_4>
```

In the Above screenshot, check whether we have any docker container running.

```
C:\Users\singh\WorkShop_4>docker ps -a -f status=exited -f status=created
CONTAINER ID   IMAGE     COMMAND    CREATED    STATUS     PORTS      NAMES

C:\Users\singh\WorkShop_4>docker pull akondrahman/sli-kube
Using default tag: latest
latest: Pulling from akondrahman/sli-kube
405f018f9d1d: Pull complete
81b10e81d3ae: Pull complete
6dd37e493527: Pull complete
1b0b938afb52: Pull complete
Digest: sha256:9500a5e8ea3ad3e8b4ba2c0d56b27bad8cde23ee6f0a1e47bfd2a7c47783d868
Status: Downloaded newer image for akondrahman/sli-kube:latest
docker.io/akondrahman/sli-kube:latest

What's next:
    View a summary of image vulnerabilities and recommendations → docker scout quickview akondrahman/sli-kube
```

Above screenshot, ran the command "docker pull akondrahman/sli-kube"

```
C:\Users\singh\WorkShop_4>docker images -a
REPOSITORY            TAG       IMAGE ID       CREATED      SIZE
akondrahman/sli-kube  latest    3dd9423e499a   9 days ago   617MB
```

Above screenshot, pulled docker image.

```
C:\Users\singh\WorkShop_4>docker run --rm -it akondrahman/sli-kube bash
root@be06f4360ed6:/# cd SLI-KUBE-WORK/KubeSec-master/
root@be06f4360ed6:/SLI-KUBE-WORK/KubeSec-master# ls -la
total 212
drwxrwxr-x 1 1553705501 719064722  4096 Sep 18 01:36 .
drwxr-xr-x 1 root       root       4096 Jul 28  2022 ..
drwxrwxr-x 3 1553705501 719064722  4096 Dec 10  2021 .github
-rw-rw-r-- 1 1553705501 719064722  4002 Dec 10  2021 BAD.BOYS.md
-rw-rw-r-- 1 1553705501 719064722 34919 Dec 10  2021 NOTES.md
-rw-rw-r-- 1 1553705501 719064722   706 Dec 10  2021 README.md
drwxrwxr-x 1 1553705501 719064722  4096 Sep 18 01:51 TEST_ARTIFACTS
-rw-rw-r-- 1 1553705501 719064722 10387 Dec 10  2021 TEST_CONSTANTS.py
-rw-rw-r-- 1 1553705501 719064722  8977 Dec 10  2021 TEST_GRAPH.py
-rw-rw-r-- 1 1553705501 719064722  5880 Dec 10  2021 TEST_INTEGRATION.py
-rw-rw-r-- 1 1553705501 719064722  8170 Dec 10  2021 TEST_PARSING.py
-rw-rw-r-- 1 1553705501 719064722 39249 Dec 10  2021 TEST_SCANNING.py
drwxr-xr-x 2 root       root       4096 Jul 28  2022 __pycache__
-rw-rw-r-- 1 1553705501 719064722  4735 Dec 10  2021 constants.py
-rw-rw-r-- 1 1553705501 719064722  8812 Dec 10  2021 graphtaint.py
-rw-rw-r-- 1 1553705501 719064722  3390 Jul 28  2022 main.py
-rw-rw-r-- 1 1553705501 719064722  6619 Dec 10  2021 parser.py
-rw-rw-r-- 1 1553705501 719064722 34790 Dec 10  2021 scanner.py
```

Above screenshot, started the container with the command "docker run --rm -it akondrahman/sli-kube bash" and then used the command "cd SLI-KUBE-WORK/KubeSec-master/" for the further navigation.

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WORKSHOP_4

Screenshots of the WorkShop_4
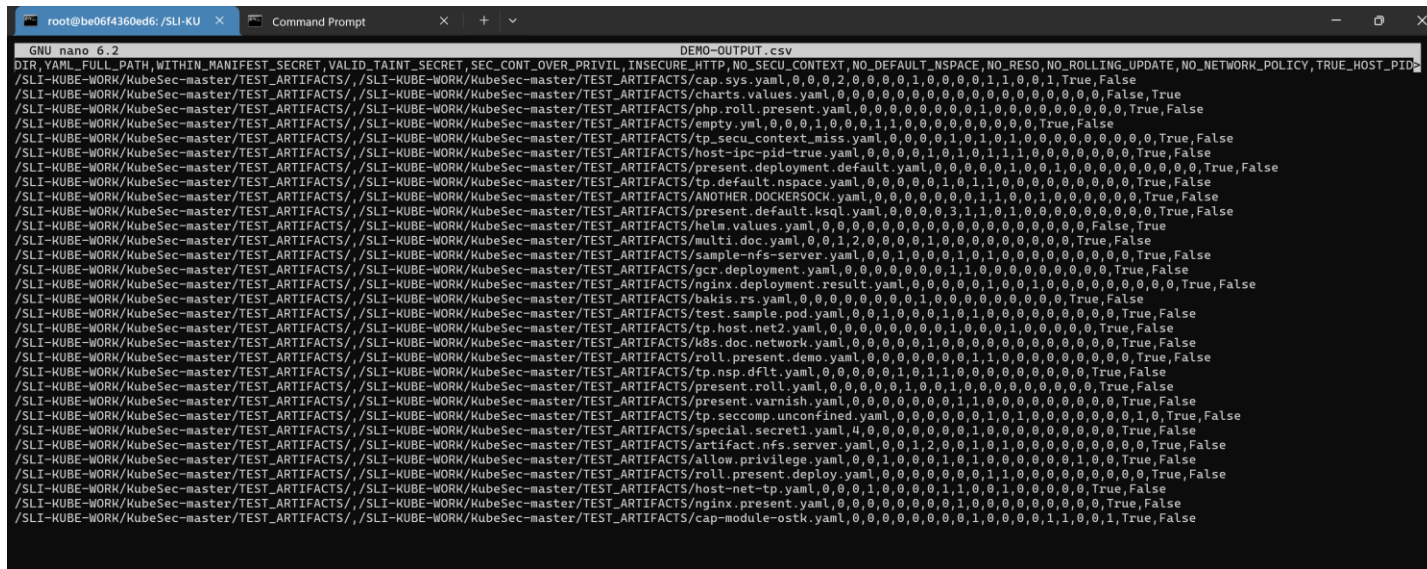
```
root@be06f4360ed6: /SLI-KU    ×    +    ∨

-rw-rw-r-- 1 1553705501 719064722 39249 Dec 10  2021 TEST_SCANNING.py
drwxr-xr-x 2 root         root       4096 Jul 28  2022 __pycache__
-rw-rw-r-- 1 1553705501 719064722  4735 Dec 10  2021 constants.py
-rw-rw-r-- 1 1553705501 719064722  8812 Dec 10  2021 graphtaint.py
-rw-rw-r-- 1 1553705501 719064722  3390 Jul 28  2022 main.py
-rw-rw-r-- 1 1553705501 719064722  6619 Dec 10  2021 parser.py
-rw-rw-r-- 1 1553705501 719064722 34790 Dec 10  2021 scanner.py
root@be06f4360ed6:/SLI-KUBE-WORK/KubeSec-master# python3 main.py
Analyzing... /SLI-KUBE-WORK/KubeSec-master/TEST_ARTIFACTS/cap.sys.yaml COUNT: 1
-----
Analyzing... /SLI-KUBE-WORK/KubeSec-master/TEST_ARTIFACTS/charts.values.yaml COUNT: 2
-----
Analyzing... /SLI-KUBE-WORK/KubeSec-master/TEST_ARTIFACTS/php.roll.present.yaml COUNT: 3
-----
Analyzing... /SLI-KUBE-WORK/KubeSec-master/TEST_ARTIFACTS/empty.yml COUNT: 4
-----
Analyzing... /SLI-KUBE-WORK/KubeSec-master/TEST_ARTIFACTS/tp_secu_context_miss.yaml COUNT: 5
-----
Analyzing... /SLI-KUBE-WORK/KubeSec-master/TEST_ARTIFACTS/host-ipc-pid-true.yaml COUNT: 6
-----
Analyzing... /SLI-KUBE-WORK/KubeSec-master/TEST_ARTIFACTS/present.deployment.default.yaml COUNT: 7
-----
Analyzing... /SLI-KUBE-WORK/KubeSec-master/TEST_ARTIFACTS/tp.default.nspace.yaml COUNT: 8
-----
Analyzing... /SLI-KUBE-WORK/KubeSec-master/TEST_ARTIFACTS/ANOTHER.DOCKERSOCK.yaml COUNT: 9
-----
Analyzing... /SLI-KUBE-WORK/KubeSec-master/TEST_ARTIFACTS/present.default.ksql.yaml COUNT: 10
-----
Analyzing... /SLI-KUBE-WORK/KubeSec-master/TEST_ARTIFACTS/helm.values.yaml COUNT: 11
-----
Analyzing... /SLI-KUBE-WORK/KubeSec-master/TEST_ARTIFACTS/multi.doc.yaml COUNT: 12
-----
Analyzing... /SLI-KUBE-WORK/KubeSec-master/TEST_ARTIFACTS/sample-nfs-server.yaml COUNT: 13
-----
Analyzing... /SLI-KUBE-WORK/KubeSec-master/TEST_ARTIFACTS/gcr.deployment.yaml COUNT: 14
-----
Analyzing... /SLI-KUBE-WORK/KubeSec-master/TEST_ARTIFACTS/nginx.deployment.result.yaml COUNT: 15
-----
Analyzing... /SLI-KUBE-WORK/KubeSec-master/TEST_ARTIFACTS/bakis.rs.yaml COUNT: 16
-----
Analyzing... /SLI-KUBE-WORK/KubeSec-master/TEST_ARTIFACTS/test.sample.pod.yaml COUNT: 17
-----
Analyzing... /SLI-KUBE-WORK/KubeSec-master/TEST_ARTIFACTS/tp.host.net2.yaml COUNT: 18
-----
Analyzing... /SLI-KUBE-WORK/KubeSec-master/TEST_ARTIFACTS/k8s.doc.network.yaml COUNT: 19
-----
Analyzing... /SLI-KUBE-WORK/KubeSec-master/TEST_ARTIFACTS/roll.present.demo.yaml COUNT: 20
-----
Analyzing... /SLI-KUBE-WORK/KubeSec-master/TEST_ARTIFACTS/tp.nsp.dflt.yaml COUNT: 21
-----
Analyzing... /SLI-KUBE-WORK/KubeSec-master/TEST_ARTIFACTS/present.roll.yaml COUNT: 22
-----
Analyzing... /SLI-KUBE-WORK/KubeSec-master/TEST_ARTIFACTS/present.varnish.yaml COUNT: 23
-----
Analyzing... /SLI-KUBE-WORK/KubeSec-master/TEST_ARTIFACTS/tp.seccomp.unconfined.yaml COUNT: 24
-----
Analyzing... /SLI-KUBE-WORK/KubeSec-master/TEST_ARTIFACTS/special.secret1.yaml COUNT: 25
-----
Analyzing... /SLI-KUBE-WORK/KubeSec-master/TEST_ARTIFACTS/artifact.nfs.server.yaml COUNT: 26
-----
Analyzing... /SLI-KUBE-WORK/KubeSec-master/TEST_ARTIFACTS/allow.privilege.yaml COUNT: 27
-----
Analyzing... /SLI-KUBE-WORK/KubeSec-master/TEST_ARTIFACTS/roll.present.deploy.yaml COUNT: 28
-----
Analyzing... /SLI-KUBE-WORK/KubeSec-master/TEST_ARTIFACTS/host-net-tp.yaml COUNT: 29
-----
Analyzing... /SLI-KUBE-WORK/KubeSec-master/TEST_ARTIFACTS/nginx.present.yaml COUNT: 30
-----
Analyzing... /SLI-KUBE-WORK/KubeSec-master/TEST_ARTIFACTS/cap-module-ostk.yaml COUNT: 31
-----
root@be06f4360ed6:/SLI-KUBE-WORK/KubeSec-master#
```

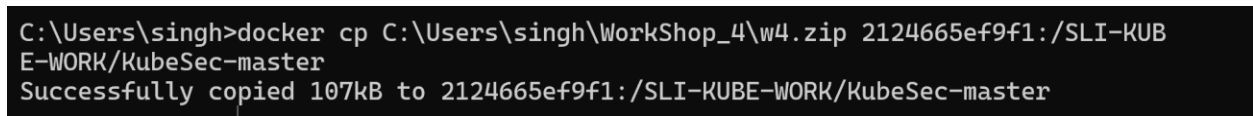Above screenshot, ran the python tool.

```
C:\Users\singh>docker cp be06f4360ed6:/SLI-KUBE-WORK/DEMO-OUTPUT.csv C:\Users\singh\WorkShop_4\DEMO-OUTPUT.csv
Successfully copied 7.17kB to C:\Users\singh\WorkShop_4\DEMO-OUTPUT.csv
```

Above screenshot, By opening the new terminal copying the CSV file from the docker container to our local machine.
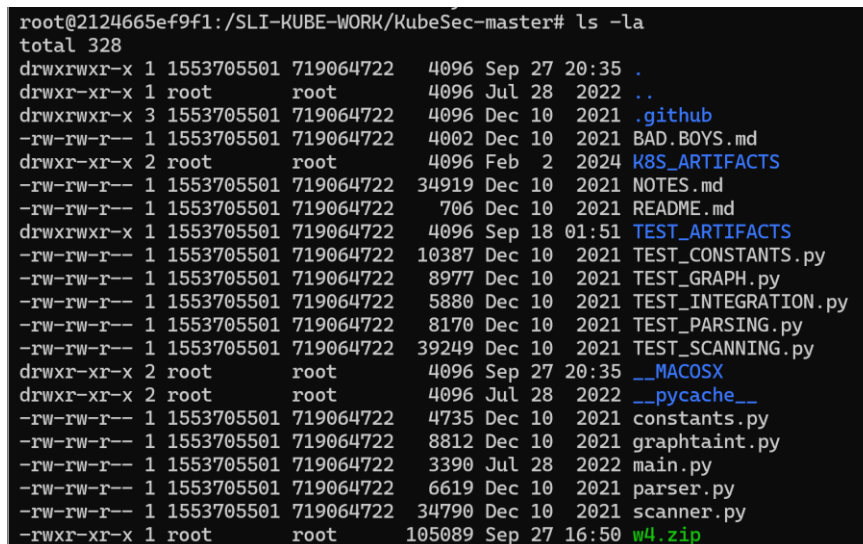
Screenshots of the WorkShop_4


```
GNU nano 6.2                                                                                    DEMO-OUTPUT.csv
DIR,YAML_FULL_PATH,WITHIN_MANIFEST_SECRET,VALID_TAINT_SECRET,SEC_CONT_OVER_PRIVIL,INSECURE_HTTP,NO_SECU_CONTEXT,NO_DEFAULT_NSPACE,NO_RESO,NO_ROLLING_UPDATE,NO_NETWORK_POLICY,TRUE_HOST_PID
/SLI-KUBE-WORK/KubeSec-master/TEST_ARTIFACTS/,/SLI-KUBE-WORK/KubeSec-master/TEST_ARTIFACTS/cap.sys.yaml,0,0,0,2,0,0,0,0,1,0,0,0,0,1,1,0,0,1,True,False
/SLI-KUBE-WORK/KubeSec-master/TEST_ARTIFACTS/,/SLI-KUBE-WORK/KubeSec-master/TEST_ARTIFACTS/charts.values.yaml,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,False,True
/SLI-KUBE-WORK/KubeSec-master/TEST_ARTIFACTS/,/SLI-KUBE-WORK/KubeSec-master/TEST_ARTIFACTS/php.roll.present.yaml,0,0,0,0,0,0,0,0,1,0,0,0,0,0,0,0,0,True,False
/SLI-KUBE-WORK/KubeSec-master/TEST_ARTIFACTS/,/SLI-KUBE-WORK/KubeSec-master/TEST_ARTIFACTS/empty.yml,0,0,0,1,0,0,0,1,1,0,0,0,0,0,0,0,0,True,False
/SLI-KUBE-WORK/KubeSec-master/TEST_ARTIFACTS/,/SLI-KUBE-WORK/KubeSec-master/TEST_ARTIFACTS/tp_secu_context_miss.yaml,0,0,0,0,1,0,1,0,1,0,0,0,0,0,0,0,0,True,False
/SLI-KUBE-WORK/KubeSec-master/TEST_ARTIFACTS/,/SLI-KUBE-WORK/KubeSec-master/TEST_ARTIFACTS/host-ipc-pid-true.yaml,0,0,0,0,1,0,1,0,1,1,1,0,0,0,0,0,0,True,False
/SLI-KUBE-WORK/KubeSec-master/TEST_ARTIFACTS/,/SLI-KUBE-WORK/KubeSec-master/TEST_ARTIFACTS/present.deployment.default.yaml,0,0,0,0,0,1,0,0,1,0,0,0,0,0,0,0,0,True,False
/SLI-KUBE-WORK/KubeSec-master/TEST_ARTIFACTS/,/SLI-KUBE-WORK/KubeSec-master/TEST_ARTIFACTS/tp.default.nspace.yaml,0,0,0,0,0,1,0,1,1,0,0,0,0,0,0,0,0,True,False
/SLI-KUBE-WORK/KubeSec-master/TEST_ARTIFACTS/,/SLI-KUBE-WORK/KubeSec-master/TEST_ARTIFACTS/ANOTHER.DOCKERSOCK.yaml,0,0,0,0,0,0,0,0,1,1,0,0,1,0,0,0,0,0,True,False
/SLI-KUBE-WORK/KubeSec-master/TEST_ARTIFACTS/,/SLI-KUBE-WORK/KubeSec-master/TEST_ARTIFACTS/present.default.ksql.yaml,0,0,0,0,3,1,1,0,1,0,0,0,0,0,0,0,0,True,False
/SLI-KUBE-WORK/KubeSec-master/TEST_ARTIFACTS/,/SLI-KUBE-WORK/KubeSec-master/TEST_ARTIFACTS/helm.values.yaml,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,False,True
/SLI-KUBE-WORK/KubeSec-master/TEST_ARTIFACTS/,/SLI-KUBE-WORK/KubeSec-master/TEST_ARTIFACTS/multi.doc.yaml,0,0,1,2,0,0,0,0,1,0,0,0,0,0,0,0,0,True,False
/SLI-KUBE-WORK/KubeSec-master/TEST_ARTIFACTS/,/SLI-KUBE-WORK/KubeSec-master/TEST_ARTIFACTS/sample-nfs-server.yaml,0,0,1,0,0,0,1,0,1,0,0,0,0,0,0,0,0,True,False
/SLI-KUBE-WORK/KubeSec-master/TEST_ARTIFACTS/,/SLI-KUBE-WORK/KubeSec-master/TEST_ARTIFACTS/gcr.deployment.yaml,0,0,0,0,0,0,0,0,1,1,0,0,0,0,0,0,0,0,True,False
/SLI-KUBE-WORK/KubeSec-master/TEST_ARTIFACTS/,/SLI-KUBE-WORK/KubeSec-master/TEST_ARTIFACTS/nginx.deployment.result.yaml,0,0,0,0,0,1,0,0,1,0,0,0,0,0,0,0,0,True,False
/SLI-KUBE-WORK/KubeSec-master/TEST_ARTIFACTS/,/SLI-KUBE-WORK/KubeSec-master/TEST_ARTIFACTS/bakis.rs.yaml,0,0,0,0,0,0,0,0,1,0,0,0,0,0,0,0,0,True,False
/SLI-KUBE-WORK/KubeSec-master/TEST_ARTIFACTS/,/SLI-KUBE-WORK/KubeSec-master/TEST_ARTIFACTS/test.sample.pod.yaml,0,0,1,0,0,0,1,0,1,0,0,0,0,0,0,0,0,True,False
/SLI-KUBE-WORK/KubeSec-master/TEST_ARTIFACTS/,/SLI-KUBE-WORK/KubeSec-master/TEST_ARTIFACTS/tp.host.net2.yaml,0,0,0,0,0,0,0,0,1,0,0,0,1,0,0,0,0,True,False
/SLI-KUBE-WORK/KubeSec-master/TEST_ARTIFACTS/,/SLI-KUBE-WORK/KubeSec-master/TEST_ARTIFACTS/k8s.doc.network.yaml,0,0,0,0,0,1,0,0,0,0,0,0,0,0,0,0,0,True,False
/SLI-KUBE-WORK/KubeSec-master/TEST_ARTIFACTS/,/SLI-KUBE-WORK/KubeSec-master/TEST_ARTIFACTS/roll.present.demo.yaml,0,0,0,0,0,0,0,0,1,1,0,0,0,0,0,0,0,True,False
/SLI-KUBE-WORK/KubeSec-master/TEST_ARTIFACTS/,/SLI-KUBE-WORK/KubeSec-master/TEST_ARTIFACTS/tp.nsp.dflt.yaml,0,0,0,0,0,1,0,1,1,0,0,0,0,0,0,0,0,True,False
/SLI-KUBE-WORK/KubeSec-master/TEST_ARTIFACTS/,/SLI-KUBE-WORK/KubeSec-master/TEST_ARTIFACTS/present.roll.yaml,0,0,0,0,0,1,0,0,1,0,0,0,0,0,0,0,0,True,False
/SLI-KUBE-WORK/KubeSec-master/TEST_ARTIFACTS/,/SLI-KUBE-WORK/KubeSec-master/TEST_ARTIFACTS/present.varnish.yaml,0,0,0,0,0,0,0,0,1,1,0,0,0,0,0,0,0,True,False
/SLI-KUBE-WORK/KubeSec-master/TEST_ARTIFACTS/,/SLI-KUBE-WORK/KubeSec-master/TEST_ARTIFACTS/tp.seccomp.unconfined.yaml,0,0,0,0,0,0,1,0,1,0,0,0,0,0,0,1,0,True,False
/SLI-KUBE-WORK/KubeSec-master/TEST_ARTIFACTS/,/SLI-KUBE-WORK/KubeSec-master/TEST_ARTIFACTS/special.secret1.yaml,4,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,True,False
/SLI-KUBE-WORK/KubeSec-master/TEST_ARTIFACTS/,/SLI-KUBE-WORK/KubeSec-master/TEST_ARTIFACTS/artifact.nfs.server.yaml,0,0,1,2,0,0,1,0,1,0,0,0,0,0,0,0,0,True,False
/SLI-KUBE-WORK/KubeSec-master/TEST_ARTIFACTS/,/SLI-KUBE-WORK/KubeSec-master/TEST_ARTIFACTS/allow.privilege.yaml,0,0,1,0,0,0,1,0,1,0,0,0,0,0,1,0,0,True,False
/SLI-KUBE-WORK/KubeSec-master/TEST_ARTIFACTS/,/SLI-KUBE-WORK/KubeSec-master/TEST_ARTIFACTS/roll.present.deploy.yaml,0,0,0,0,0,0,0,0,1,1,0,0,0,0,0,0,0,True,False
/SLI-KUBE-WORK/KubeSec-master/TEST_ARTIFACTS/,/SLI-KUBE-WORK/KubeSec-master/TEST_ARTIFACTS/host-net-tp.yaml,0,0,0,1,0,0,0,0,1,1,0,0,1,0,0,0,0,True,False
/SLI-KUBE-WORK/KubeSec-master/TEST_ARTIFACTS/,/SLI-KUBE-WORK/KubeSec-master/TEST_ARTIFACTS/nginx.present.yaml,0,0,0,0,0,0,0,0,1,0,0,0,0,0,0,0,0,True,False
/SLI-KUBE-WORK/KubeSec-master/TEST_ARTIFACTS/,/SLI-KUBE-WORK/KubeSec-master/TEST_ARTIFACTS/cap-module-ostk.yaml,0,0,0,0,0,0,0,0,1,0,0,0,0,1,1,0,0,1,True,False
```

Above screenshot, opened the CSV file using nano DEMO-OUTPUT.CSV


```
C:\Users\singh>docker cp C:\Users\singh\WorkShop_4\w4.zip 2124665ef9f1:/SLI-KUB
E-WORK/KubeSec-master
Successfully copied 107kB to 2124665ef9f1:/SLI-KUBE-WORK/KubeSec-master
```

Above screenshot, adding the zip file container in docker container "SLI-KUBE-WORK/KubeSec-master"


```
root@2124665ef9f1:/SLI-KUBE-WORK/KubeSec-master# ls -la
total 328
drwxrwxr-x 1 1553705501 719064722   4096 Sep 27 20:35 .
drwxr-xr-x 1 root       root        4096 Jul 28  2022 ..
drwxrwxr-x 3 1553705501 719064722   4096 Dec 10  2021 .github
-rw-rw-r-- 1 1553705501 719064722   4002 Dec 10  2021 BAD.BOYS.md
drwxr-xr-x 2 root       root        4096 Feb  2  2024 K8S_ARTIFACTS
-rw-rw-r-- 1 1553705501 719064722  34919 Dec 10  2021 NOTES.md
-rw-rw-r-- 1 1553705501 719064722    706 Dec 10  2021 README.md
drwxrwxr-x 1 1553705501 719064722   4096 Sep 18 01:51 TEST_ARTIFACTS
-rw-rw-r-- 1 1553705501 719064722  10387 Dec 10  2021 TEST_CONSTANTS.py
-rw-rw-r-- 1 1553705501 719064722   8977 Dec 10  2021 TEST_GRAPH.py
-rw-rw-r-- 1 1553705501 719064722   5880 Dec 10  2021 TEST_INTEGRATION.py
-rw-rw-r-- 1 1553705501 719064722   8170 Dec 10  2021 TEST_PARSING.py
-rw-rw-r-- 1 1553705501 719064722  39249 Dec 10  2021 TEST_SCANNING.py
drwxr-xr-x 2 root       root        4096 Sep 27 20:35 __MACOSX
drwxr-xr-x 2 root       root        4096 Jul 28  2022 __pycache__
-rw-rw-r-- 1 1553705501 719064722   4735 Dec 10  2021 constants.py
-rw-rw-r-- 1 1553705501 719064722   8812 Dec 10  2021 graphtaint.py
-rw-rw-r-- 1 1553705501 719064722   3390 Jul 28  2022 main.py
-rw-rw-r-- 1 1553705501 719064722   6619 Dec 10  2021 parser.py
-rw-rw-r-- 1 1553705501 719064722  34790 Dec 10  2021 scanner.py
-rwxr-xr-x 1 root       root      105089 Sep 27 16:50 w4.zip
```

Above screenshot, we have "w4.zip"

Screenshots of the WorkShop_4

```
root@2124665ef9f1:/SLI-KUBE-WORK/KubeSec-master# apt-get install unzip
Reading package lists... Done
Building dependency tree... Done
Reading state information... Done
Suggested packages:
  zip
The following NEW packages will be installed:
  unzip
0 upgraded, 1 newly installed, 0 to remove and 10 not upgraded.
Need to get 174 kB of archives.
After this operation, 385 kB of additional disk space will be used.
Get:1 http://archive.ubuntu.com/ubuntu jammy/main amd64 unzip amd64 6.0-26ubuntu3 [174 kB]
Fetched 174 kB in 1s (208 kB/s)
debconf: delaying package configuration, since apt-utils is not installed
Selecting previously unselected package unzip.
(Reading database ... 16082 files and directories currently installed.)
Preparing to unpack .../unzip_6.0-26ubuntu3_amd64.deb ...
Unpacking unzip (6.0-26ubuntu3) ...
Setting up unzip (6.0-26ubuntu3) ...
root@2124665ef9f1:/SLI-KUBE-WORK/KubeSec-master# unzip w4.zip
Archive:  w4.zip
   creating: K8S_ARTIFACTS/
  inflating: __MACOSX/._K8S_ARTIFACTS
  inflating: K8S_ARTIFACTS/absent.prome.yaml
  inflating: K8S_ARTIFACTS/fp_secu_context_miss.yaml
  inflating: K8S_ARTIFACTS/skampi.values.yaml
  inflating: K8S_ARTIFACTS/charts.values.yaml
  inflating: K8S_ARTIFACTS/test.sample.pod.yaml
  inflating: K8S_ARTIFACTS/list.k8s.yml
  inflating: K8S_ARTIFACTS/tango.values.yaml
  inflating: K8S_ARTIFACTS/tasks.main.yml
  inflating: K8S_ARTIFACTS/roll.present.deploy.yaml
  inflating: K8S_ARTIFACTS/nginx.present.yaml
  inflating: K8S_ARTIFACTS/special.secret1.yaml
  inflating: K8S_ARTIFACTS/present.deployment.default.yaml
  inflating: K8S_ARTIFACTS/docker.sock.yaml
  inflating: K8S_ARTIFACTS/helm.values.yaml
  inflating: K8S_ARTIFACTS/cap.sys.yaml
  inflating: K8S_ARTIFACTS/present.roll.yaml
  inflating: K8S_ARTIFACTS/githooks.yaml
  inflating: K8S_ARTIFACTS/calico.yaml
  inflating: K8S_ARTIFACTS/sni.values.yaml
  inflating: K8S_ARTIFACTS/start_vault_temp.yaml
  inflating: K8S_ARTIFACTS/no.secu.nfs.yaml
  inflating: K8S_ARTIFACTS/no.secu.present.yaml
  inflating: K8S_ARTIFACTS/artifact.nfs.server.yaml
  inflating: K8S_ARTIFACTS/reso.app.yml
  inflating: K8S_ARTIFACTS/minecraft.values.yaml
  inflating: K8S_ARTIFACTS/absent.ingress.yaml
  inflating: K8S_ARTIFACTS/dataimage.airflowimage.manifests.deployment.yaml
  inflating: K8S_ARTIFACTS/php.roll.present.yaml
  inflating: K8S_ARTIFACTS/sample-nfs-server.yaml
  inflating: K8S_ARTIFACTS/tp_secu_context_miss.yaml
  inflating: K8S_ARTIFACTS/helm.stackgres.yaml
  inflating: K8S_ARTIFACTS/k8s.doc.network.yaml
  inflating: K8S_ARTIFACTS/bootstrap.debian.yaml
  inflating: K8S_ARTIFACTS/tp.default.nspace.yaml
  inflating: K8S_ARTIFACTS/present.default.ksql.yaml
  inflating: K8S_ARTIFACTS/keycloak.values.yaml
  inflating: K8S_ARTIFACTS/fp.concourse.yaml
  inflating: K8S_ARTIFACTS/empty.yml
  inflating: K8S_ARTIFACTS/hello.values.yaml
  inflating: K8S_ARTIFACTS/kubecf.values.yaml
  inflating: K8S_ARTIFACTS/bakis.rs.yaml
  inflating: K8S_ARTIFACTS/cap-module-ostk.yaml
  inflating: K8S_ARTIFACTS/host-net-tp.yaml
  inflating: K8S_ARTIFACTS/tp.nsp.dflt.yaml
  inflating: K8S_ARTIFACTS/gcr.deployment.yaml
  inflating: K8S_ARTIFACTS/deamonset1.yaml
  inflating: K8S_ARTIFACTS/cluster.svc.v.yaml
  inflating: K8S_ARTIFACTS/multi.doc.yaml
  inflating: K8S_ARTIFACTS/present.varnish.yaml
  inflating: K8S_ARTIFACTS/tp.seccomp.unconfined.yaml
  inflating: K8S_ARTIFACTS/host-ipc-pid-true.yaml
  inflating: K8S_ARTIFACTS/nginx.deployment.result.yaml
  inflating: K8S_ARTIFACTS/fp.glance.pv.yaml
  inflating: K8S_ARTIFACTS/allow.privilege.yaml
  inflating: K8S_ARTIFACTS/nextcloud.values.yaml
  inflating: K8S_ARTIFACTS/tp.host.net2.yaml
  inflating: K8S_ARTIFACTS/no.kind.yaml
  inflating: K8S_ARTIFACTS/absent.default1.yaml
  inflating: K8S_ARTIFACTS/roll.present.demo.yaml
  inflating: K8S_ARTIFACTS/ANOTHER.DOCKERSOCK.yaml
```

```
    ORG_DIR          = '/SLI-KUBE-WORK/KubeSec-master/K8S_ARTIFACTS/'
    OUTPUT_FILE_CSV = '/SLI-KUBE-WORK/w4-OUTPUT.csv'
```

Above screenshots, installed the unzip, unzipping the folder "w4.zip" changing in "main.py" so the extracted folder gets scanned with SLI-KUBE.

Screenshots of the WorkShop_4

```
root@2124665ef9f1:/SLI-KUBE-WORK/KubeSec-master# nano main.py
root@2124665ef9f1:/SLI-KUBE-WORK/KubeSec-master# python3 main.py
Analyzing... /SLI-KUBE-WORK/KubeSec-master/K8S_ARTIFACTS/docker.sock.yaml COUNT: 1
-----
Analyzing... /SLI-KUBE-WORK/KubeSec-master/K8S_ARTIFACTS/cap.sys.yaml COUNT: 2
-----
Analyzing... /SLI-KUBE-WORK/KubeSec-master/K8S_ARTIFACTS/charts.values.yaml COUNT: 3
-----
Analyzing... /SLI-KUBE-WORK/KubeSec-master/K8S_ARTIFACTS/php.roll.present.yaml COUNT: 4
-----
Analyzing... /SLI-KUBE-WORK/KubeSec-master/K8S_ARTIFACTS/empty.yml COUNT: 5
-----
Analyzing... /SLI-KUBE-WORK/KubeSec-master/K8S_ARTIFACTS/tp_secu_context_miss.yaml COUNT: 6
-----
Analyzing... /SLI-KUBE-WORK/KubeSec-master/K8S_ARTIFACTS/fp_secu_context_miss.yaml COUNT: 7
-----
Analyzing... /SLI-KUBE-WORK/KubeSec-master/K8S_ARTIFACTS/host-ipc-pid-true.yaml COUNT: 8
-----
Analyzing... /SLI-KUBE-WORK/KubeSec-master/K8S_ARTIFACTS/present.deployment.default.yaml COUNT: 9
-----
Analyzing... /SLI-KUBE-WORK/KubeSec-master/K8S_ARTIFACTS/deamonset1.yaml COUNT: 10
-----
Analyzing... /SLI-KUBE-WORK/KubeSec-master/K8S_ARTIFACTS/no.secu.present.yaml COUNT: 11
-----
Analyzing... /SLI-KUBE-WORK/KubeSec-master/K8S_ARTIFACTS/tp.default.nspace.yaml COUNT: 12
-----
Analyzing... /SLI-KUBE-WORK/KubeSec-master/K8S_ARTIFACTS/ANOTHER.DOCKERSOCK.yaml COUNT: 13
-----
Analyzing... /SLI-KUBE-WORK/KubeSec-master/K8S_ARTIFACTS/absent.prome.yaml COUNT: 14
-----
Analyzing... /SLI-KUBE-WORK/KubeSec-master/K8S_ARTIFACTS/fp.glance.pv.yaml COUNT: 15
-----
Analyzing... /SLI-KUBE-WORK/KubeSec-master/K8S_ARTIFACTS/present.default.ksql.yaml COUNT: 16
-----
Analyzing... /SLI-KUBE-WORK/KubeSec-master/K8S_ARTIFACTS/helm.values.yaml COUNT: 17
-----
Analyzing... /SLI-KUBE-WORK/KubeSec-master/K8S_ARTIFACTS/multi.doc.yaml COUNT: 18
-----
Analyzing... /SLI-KUBE-WORK/KubeSec-master/K8S_ARTIFACTS/sample-nfs-server.yaml COUNT: 19
-----
Analyzing... /SLI-KUBE-WORK/KubeSec-master/K8S_ARTIFACTS/gcr.deployment.yaml COUNT: 20
-----
Analyzing... /SLI-KUBE-WORK/KubeSec-master/K8S_ARTIFACTS/nginx.deployment.result.yaml COUNT: 21
-----
Analyzing... /SLI-KUBE-WORK/KubeSec-master/K8S_ARTIFACTS/no.secu.nfs.yaml COUNT: 22
-----
Analyzing... /SLI-KUBE-WORK/KubeSec-master/K8S_ARTIFACTS/bakis.rs.yaml COUNT: 23
-----
Analyzing... /SLI-KUBE-WORK/KubeSec-master/K8S_ARTIFACTS/test.sample.pod.yaml COUNT: 24
-----
Analyzing... /SLI-KUBE-WORK/KubeSec-master/K8S_ARTIFACTS/tp.host.net2.yaml COUNT: 25
-----
Analyzing... /SLI-KUBE-WORK/KubeSec-master/K8S_ARTIFACTS/k8s.doc.network.yaml COUNT: 26
-----
Analyzing... /SLI-KUBE-WORK/KubeSec-master/K8S_ARTIFACTS/roll.present.demo.yaml COUNT: 27
-----
Analyzing... /SLI-KUBE-WORK/KubeSec-master/K8S_ARTIFACTS/tp.nsp.dflt.yaml COUNT: 28
-----
Analyzing... /SLI-KUBE-WORK/KubeSec-master/K8S_ARTIFACTS/present.roll.yaml COUNT: 29
-----
Analyzing... /SLI-KUBE-WORK/KubeSec-master/K8S_ARTIFACTS/dataimage.airflowimage.manifests.deployment.yaml COUNT: 30
-----
Analyzing... /SLI-KUBE-WORK/KubeSec-master/K8S_ARTIFACTS/present.varnish.yaml COUNT: 31
-----
Analyzing... /SLI-KUBE-WORK/KubeSec-master/K8S_ARTIFACTS/tp.seccomp.unconfined.yaml COUNT: 32
-----
Analyzing... /SLI-KUBE-WORK/KubeSec-master/K8S_ARTIFACTS/special.secret1.yaml COUNT: 33
-----
Analyzing... /SLI-KUBE-WORK/KubeSec-master/K8S_ARTIFACTS/absent.default1.yaml COUNT: 34
-----
Analyzing... /SLI-KUBE-WORK/KubeSec-master/K8S_ARTIFACTS/artifact.nfs.server.yaml COUNT: 35
-----
Analyzing... /SLI-KUBE-WORK/KubeSec-master/K8S_ARTIFACTS/allow.privilege.yaml COUNT: 36
-----
Analyzing... /SLI-KUBE-WORK/KubeSec-master/K8S_ARTIFACTS/roll.present.deploy.yaml COUNT: 37
-----
Analyzing... /SLI-KUBE-WORK/KubeSec-master/K8S_ARTIFACTS/host-net-tp.yaml COUNT: 38
-----
Analyzing... /SLI-KUBE-WORK/KubeSec-master/K8S_ARTIFACTS/nginx.present.yaml COUNT: 39
-----
Analyzing... /SLI-KUBE-WORK/KubeSec-master/K8S_ARTIFACTS/cap-module-ostk.yaml COUNT: 40
-----
root@2124665ef9f1:/SLI-KUBE-WORK/KubeSec-master#
```

Above screenshot, ran the python tool to scan "K8S_ARTIFACTS" and other files ,which is in "w4.zip"

Ankush Singh
WORKSHOP_4

Screenshots of the WorkShop_4

```
C:\Users\singh>docker cp 2124665ef9f1:/SLI-KUBE-WORK/w4-OUTPUT.csv C:\Users\sin
gh\WorkShop_4\
Successfully copied 8.19kB to C:\Users\singh\WorkShop_4\
```

Above screenshot, successfully copied the output.csv file in local machine.