Task.3.A
before
PS C:\Users\diana\Downloads> Get-Content Dockerfile.mcs | docker run --rm -i hadolint/hadolint

Unable to find image 'hadolint/hadolint:latest' locally

latest: Pulling from hadolint/hadolint

db4123164570: Pull complete

Digest: sha256:fff226bdf9ebcc08db47fb90ee144dd770120b35c2b1cbbb46e932a650cfe232

Status: Downloaded newer image for hadolint/hadolint:latest

-:3 DL3048 style: Invalid label key.

-:4 DL3048 style: Invalid label key.

-:5 DL3048 style: Invalid label key.

-:9 DL3018 warning: Pin versions in apk add. Instead of `apk add <package>` use `apk add <package>=<version>`

-:9 DL4006 warning: Set the SHELL option -o pipefail before RUN with a pipe in it. If you are using /bin/sh in an alpine image or if your shell is symlinked to busybox then consider explicitly setting your SHELL to /bin/ash, or disable this check

-:9 DL3003 warning: Use WORKDIR to switch to a directory

-:9 SC2046 warning: Quote this to prevent word splitting.

-:90 DL3018 warning: Pin versions in apk add. Instead of `apk add <package>` use `apk add <package>=<version>`

-:90 SC2043 warning: This loop will only ever run once. Bad quoting or missing glob/expansion?

After
PS C:\Users\diana\Downloads> Get-Content Dockerfile.mcs | docker run --rm -i hadolint/hadolint

-:11 DL3003 warning: Use WORKDIR to switch to a directory

-:11 DL3018 warning: Pin versions in apk add. Instead of `apk add <package>` use `apk add <package>=<version>`

-:11 SC2155 warning: Declare and assign separately to avoid masking return values.

-:11 DL4006 warning: Set the SHELL option -o pipefail before RUN with a pipe in it. If you are using /bin/sh in an alpine image or if your shell is symlinked to busybox then consider explicitly setting your SHELL to /bin/ash, or disable this check

-:93 SC2043 warning: This loop will only ever run once. Bad quoting or missing glob/expansion?

Task.3.B

- What analyser you used

  Analyzer used: Trivy

- The image used, **or** the Dockerfile to build it

  Image used: my-web-app (based on Alpine 3.20.3)