Assisted Practice:

4.1 Build a Custom docker image


```
Command Prompt - docker run -d --name phpcode -p 80:80 phpcode
Microsoft Windows [Version 10.0.19045.3208]
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C:\Users\ADMIN>cd Docker

C:\Users\ADMIN\Docker>docker build -t phpcode . -f Dockerfile
[+] Building 539.8s (12/12) FINISHED                                                                    docker:default
 => [internal] load build definition from Dockerfile                                                              3.1s
 => => transferring dockerfile: 574B                                                                              0.1s
 => [internal] load .dockerignore                                                                                 2.8s
 => => transferring context: 2B                                                                                   0.4s
 => [internal] load metadata for docker.io/library/ubuntu:latest                                                22.2s
 => [1/7] FROM docker.io/library/ubuntu:latest@sha256:0bced47fffa3361afa981854fcabcd4577cd43cebbb808cea2b1f33a3d 14.1s
 => => resolve docker.io/library/ubuntu:latest@sha256:0bced47fffa3361afa981854fcabcd4577cd43cebbb808cea2b1f33a3dd 0.7s
 => => sha256:0bced47fffa3361afa981854fcabcd4577cd43cebbb808cea2b1f33a3dd7f508 1.13kB / 1.13kB                    0.0s
 => => sha256:b060fffe8e1561c9c3e6dea6db487b900100fc26830b9ea2ec966c151ab4c020 424B / 424B                       0.0s
 => => sha256:5a81c4b8502e4979e75bd8f91343b95b0d695ab67f241dbed0d1530a35bde1eb 2.30kB / 2.30kB                   0.0s
 => => sha256:3153aa388d026c26a2235e1ed0163e350e451f41a8a313e1804d7e1afb857ab4 29.53MB / 29.53MB                 7.3s
 => => extracting sha256:3153aa388d026c26a2235e1ed0163e350e451f41a8a313e1804d7e1afb857ab4                         3.1s
 => [internal] load build context                                                                                2.0s
 => => transferring context: 153.37kB                                                                            0.3s
 => [2/7] RUN apt-get update -y                                                                                  39.2s
 => [3/7] RUN apt-get install -y git curl apache2 php libapache2-mod-php php-mysql                              423.3s
 => [4/7] RUN rm -rf /var/www/html/*                                                                             3.9s
 => [5/7] ADD src /var/www/html/                                                                                 2.1s
 => [6/7] RUN a2enmod rewrite                                                                                     4.8s
 => [7/7] RUN chown -R www-data:www-data /var/www/html                                                           4.7s
 => exporting to image                                                                                          18.3s
 => => exporting layers                                                                                         18.0s
 => => writing image sha256:4c8fb1b2f77cd0c75d5de834723d0633922ca58ac72c22cd7fd319d4fa427a3a                     0.1s
 => => naming to docker.io/library/phpcode                                                                       0.2s

What's Next?
  View summary of image vulnerabilities and recommendations → docker scout quickview

C:\Users\ADMIN\Docker>docker images
REPOSITORY     TAG        IMAGE ID       CREATED           SIZE
phpcode        latest     4c8fb1b2f77c   About a minute ago   276MB
```