

Screen shots of the cmd

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Command Prompt
Microsoft Windows [Version 10.0.19041.028]
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C:\Users\DR HANY>cd C:\Users\DR HANY\Desktop\cloudcomp

C:\Users\DR HANY\Desktop\cloudcomp>docker build -t imagel

[+] Building 126.7s (11/11) FINISHED
=> [internal] load build definition from Dockerfile
=> transferring dockerfile: 32B
=> [internal] load .dockerignore
=> transferring context: 3B
=> [internal] load metadata for docker.io/library/python:latest
=> [internal] load build context
=> transferring context: 1.87GB
=> CACHED [1/6] FROM docker.io/library/python
=> [2/6] COPY . /cloudcomp
=> [3/6] RUN pip install numpy
=> [4/6] RUN pip install pandas
=> [5/6] RUN pip install nltk
=> exporting to image
=> writing image sha256:574327a7cd5497867864954bccc4071c4b6b5b67928c5f4c40ba690f95d7a9
=> naming to docker.io/library/imagel

Use 'docker scan' to run Snyk tests against images to find vulnerabilities and learn how to fix them

C:\Users\DR HANY\Desktop\cloudcomp>
```

Building an image

```
Command Prompt
093
['needed', 'several', 'quite', 'lately', 'kind', 'eye', 'allowing', 'growth', 'experienced', 'familiar', 'possession', 'wrote', 'circumstance', 'knows', 'time', 'physical', 'till', 'reflections', 'whole', 'found', 'lies', 'disturb', 'vain', 'condition', 'greater', 'superior', 'accept', 'perfect', 'formality', 'back', 'similar', 'section', 'sink', 'done', 'display', 'wondered', 'silent', 'moving', 'notion', 'care', 'living', 'true', 'powerful', 'things', 'seek', 'led', 'convey', 'unknown', 'absurd', 'conclusion', 'become', 'inclined', 'impossible', 'woods', 'welcomed', 'consistency', 'objects', 'direction', 'watch', 'discover', 'scene', 'alteration', 'tenor', 'neighbour', 'gross', 'seldom', 'detect', 'shocking', 'dwelt', 'dangerous', 'suitable', 'amazement', 'dropped', 'move', 'free', 'supply', 'pages', 'travellers', 'days', 'age', 'month', 'greatest', 'changing', 'complete', 'along', 'energy', 'prepared', 'examined', 'expressed', 'day', 'figure', 'somewhat', 'sight', 'came', 'attribute', 'pair', 'rather', 'nearly', 'senses', 'agreed', 'course', 'learned', 'far', 'face', 'ran', 'especially', 'importance', 'whose', 'investigation', 'dwelling', 'least', 'creature', 'though', 'discernible', 'rate', 'aware', 'recall', 'called', 'interest', 'nothing', 'real', 'fear', 'exit', 'kindness', 'judge', 'small', 'proudly', 'became', 'donate', 'removal', 'august', 'inviting', 'mine', 'recalled', 'since', 'spoke', 'months', 'important', 'conception', 'too', 'likely', 'drinking', 'will', 'would', 'means', 'follow', 'steady', 'shall', 'neither', 'lay', 'week', 'little', 'general', 'freedom', 'imagination', 'disposition', 'drove', 'vast', 'possibility', 'remainder', 'believe', 'filled', 'save', 'case', 'pale', 'correspond', 'clear', 'bearing', 'return', 'tonight', 'perceived', 'finally', 'pursue', 'stupidity', 'making', 'hoping', 'show', 'actual', 'dared', 'fully', 'vows', 'state', 'looked', 'forth', 'hour', 'accordingly', 'began', 'directly', 'quiet', 'experience', 'bodies', 'pain', 'fact', 'roused', 'humble', 'later', 'flying', 'inadequate', 'frequently', 'words', 'everything', 'dying', 'across', 'desire', 'active', 'deficiency', 'slightest', 'acute', 'following', 'known', 'sometimes', 'heavy', 'effort', 'attention', 'always', 'grew', 'aught', 'thoughts', 'apparently', 'doubt', 'light', 'wonder', 'tell', 'generally', 'final', 'already', 'comprehension', 'fields', 'harmless', 'stood', 'strange', 'find', 'fifteen', 'come', 'gone', 'concerning', 'packed', 'unaccountable', 'sit', 'occasionally', 'air', 'left', 'something', 'better', 'anything', 'went', 'spent', 'third', 'guess', 'temporary', 'various', 'additional', 'mankind', 'sphere', 'positive', 'prodigious', 'sort', 'exciting', 'graceful', 'approaching', 'night', 'contrary', 'boast', 'employed', 'window', 'achieving', 'talked', 'half', 'man', 'colour', 'might', 'next', 'silently', 'impression', 'committed', 'wandered', 'meet', 'pen', 'cold', 'gathered', 'sustained', 'world', 'brought', 'well', 'listen', 'account', 'close', 'single', 'excited', 'winter', 'could', 'dwell', 'successfully', 'hours', 'know', 'right', 'standing', 'frequent', 'intellectual', 'laughed', 'shake', 'events', 'conquer', 'future', 'excellent', 'merely', 'nearest', 'exactly', 'odd', 'due', 'bear', 'dull', 'medium', 'vacancy', 'science', 'heard', 'applied', 'conceive', 'must', 'pay', 'memories', 'real', 'spirit', 'discovered', 'wholly', 'settled', 'vague', 'curious', 'wide', 'new', 'behind', 'viewing', 'away', 'burning', 'opportunity', 'knowledge', 'mystery', 'form', 'change', 'alluded', 'disinclined', 'soul', 'covered', 'mountains', 'realised', 'chair', 'consists', 'character', 'distant', 'search', 'may', 'prove', 'body', 'calmly', 'singular', 'four', 'physicians', 'possible', 'torment', 'selves', 'accident', 'died', 'burst', 'preceding', 'copyright', 'year', 'pause', 'less', 'given', 'years', 'still', 'read', 'referred', 'crossed', 'tried', 'afternoon', 'around', 'stopped', 'simple', 'unfortunate', 'course', 'last', 'often', 'eagerness', 'force', 'shook', 'presence', 'add', 'whilst', 'visible', 'sound', 'efforts', 'near', 'number', 'even', 'call', 'loud', 'february', 'look', 'saw', 'plain', 'waking', 'death', 'searching', 'bold', 'claimed', 'law', 'inferior', 'within', 'knowing', 'probably', 'human', 'feel', 'three', 'morning', 'belief', 'lurking', 'constantly', 'grows', 'breathing', 'unfit', 'popular', 'long', 'appeared', 'struggled', 'way', 'completely', 'life', 'necessarily', 'pitiful', 'amidst', 'drew', 'listened', 'beyond', 'learned', 'indeed', 'ordinary', 'sudden', 'grew', 'without', 'spoke', 'much', 'succeeded', 'among', 'beheld', 'triumphant', 'eyes', 'constant', 'began', 'need', 'uneasiness', 'held', 'missed', 'reach', 'old', 'sleeping', 'influence', 'opened', 'references', 'think', 'quit', 'foundation', 'determination', 'voice', 'never', 'forget', 'order', 'judged', 'informing', 'friend', 'feature', 'sleep', 'rightly', 'aroused', 'more', 'slight', 'brains', 'see', 'stranger', 'peculiar', 'spot', 'permanent', 'joined', 'page', 'barbarous', 'inspire', 'minute', 'placed', 'described', 'born', 'times', 'bright', 'nature', 'ecstasy', 'rewarded', 'cheeks', 'message', 'say', 'faint', 'purpose', 'lost', 'full', 'gave', 'drooping', 'early', 'separated', 'bearing', 'fellow', 'rapid', 'go', 'another', 'reflect', 'existence', 'awakened', 'head', 'sought', 'parting', 'brain', 'stronger', 'arrival', 'entity', 'fit', 'nervous', 'tells', 'attacks', 'met', 'countenance', 'passing', 'sum', 'cruel', 'healthy', 'different', 'somehow', 'material', 'hope', 'ought', 'talk', 'explain', 'habitual', 'toward', 'degenerate', 'dead', 'eminent', 'neighbours', 'shock', 'escape', 'degrees', 'slight', 'advance', 'hardly', 'like', 'ever', 'tongue', 'flaming', 'intelligent', 'notions', 'size', 'departed', 'infinitely', 'lips', 'caused', 'certainly', 'lest', 'mornings', 'broken', 'status', 'middle', 'us', 'first', 'place', 'contact', 'catch', 'thousand', 'family', 'suddenness', 'moderate', 'argued', 'thus', 'facts', 'brother', 'spots', 'every', 'occurred', 'cannot', 'sorry', 'taken', 'turned', 'great', 'older', 'ground', 'blue', 'understand', 'leaving', 'dark', 'five', 'many', 'noticed', 'closed', 'learn', 'presented', 'delighted', 'music', 'admitted', 'patience', 'questioned', 'delicate', 'none', 'red', 'fourth', 'equal', 'one', 'men', 'high', 'slightly', 'connected', 'past', 'low', 'periodic', 'felt', 'custody', 'struggling', 'upon', 'separates', 'yet', 'appearance', 'fortunately', 'mostly', 'arranged', 'preparing', 'fire', 'receiving', 'revenge', 'continued', 'abruptly', 'increased', 'idea', 'source', 'name', 'study', 'restrain', 'followed', 'highly', 'set', 'charged', 'fell', 'home', 'rapidly', 'generously', 'gained', 'formed', 'space', 'previous', 'certain', 'gentle', 'discourse', 'race', 'comprehend', 'permitted', 'honour', 'seemed', 'despite', 'soon', 'effect', 'checked', 'gradually', 'court', 'hither', 'arose', 'thing', 'agitated', 'enjoy', 'said']

C:\Users\DR HANY\Desktop\cloudcomp>
```

running the image and having the output

Screen shots of the cmd

```
1326e9f1ca: Waiting
5962699bd5: Waiting
2439ce9650: Waiting
270c5e25fa: Waiting
c6ff462357: Waiting
denied: requested access to the resource is denied

C:\Users\DR HANY\Desktop\cloudcomp>docker login --username=merna19 --email=mernahossam1516@gmail.com
known flag: --email

C:\Users\DR HANY\Desktop\cloudcomp>--username=merna19 --password=mernahossam0101
--username' is not recognized as an internal or external command,
operable program or batch file.

C:\Users\DR HANY\Desktop\cloudcomp>docker login --username=merna19 --password=mernahossam0101
WARNING! Using --password via the CLI is insecure. Use --password-stdin.
Login Succeeded

C:\Users\DR HANY\Desktop\cloudcomp>docker images
REPOSITORY          TAG                 IMAGE ID            CREATED             SIZE
merna19/image        latest              5649a8818d71        9 hours ago        1.04GB
python               latest              70aa8983ec5c        4 days ago         886MB

C:\Users\DR HANY\Desktop\cloudcomp>docker tag 5649a8818d71 merna19/image

C:\Users\DR HANY\Desktop\cloudcomp>docker push merna19/image
Using default tag: latest
The push refers to repository [docker.io/merna19/image]
006c8a938d34: Pushed
8597f2340a31: Pushed
07a9acd3a128: Pushed
5f70bf18a086: Pushed
339fa5fc8e59: Pushed
b5fbc0e3639: Pushed
a056838ebc49: Pushed
dda023c1ba15: Pushed
8d18b3871e2: Pushed
651326e9f1ca: Pushed
5d5962699bd5: Pushed
a42439ce9650: Pushed
26270c5e25fa: Pushed
e2c6ff462357: Pushed
latest: digest: sha256:b74c8bcb6a5bf492276263c46aee0174137b0da77382eb3d59670ddf6d540d03 size: 3268

C:\Users\DR HANY\Desktop\cloudcomp>
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pushing the image to docker hub

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Microsoft Windows [Version 10.0.19041.028]
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C:\Users\DR HANY>docker pull image
Using default tag: latest
Error response from daemon: pull access denied for image, repository does not exist or may require 'docker login': denied: requested access to the resource is denied

C:\Users\DR HANY>docker login
Authenticating with existing credentials...
Login Succeeded

C:\Users\DR HANY>docker pull merna19/image
Using default tag: latest
latest: Pulling from merna19/image
Digest: sha256:b74c8bcb6a5bf492276263c46aee0174137b0da77382eb3d59670ddf6d540d03
Status: Image is up to date for merna19/image:latest
docker.io/merna19/image:latest

C:\Users\DR HANY>
```

pulling the image