Instructions on Programming Assignment 2

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First starting with Docker:

Step 1) Build the image and give it a name

docker build –tag name-of-project

Step 2) Log in to docker hub

docker login

Step 3) Tag your image

docker tag name-of-project username/name-of-project

Step 4) Push the image to your repository

docker push {DOCKER\_USERNAME}/name-of-project

Step 5) Go to the repository online to ensure that it worked

[https://hub.docker.com/r/{DOCKER\_USERNAME}/name-of-project](https://hub.docker.com/r/%7bDOCKER_USERNAME%7d/name-of-project)

Step 6) Run the docker project

docker run {DOCKER\_USERNAME}/name-of-project

Without docker instructions:

Step 1) Sign into the AWS console

Step 2) Choose an AMI (Amazon Machine Image) and instance type

Step 3) Download Key pair

Step 4) Convert key pair (pem) using putty gen to private key (ppk).

Step 5) Add private key to SSH -> Auth section in putty

Step 6) Connect to instance with putty

Step 7) update ubuntu server with ‘sudo apt update’

Step 8) install python with ‘sudo apt install python3-pip’

Step 9) Use filezilla to upload files to AWS client

Step 10) Run python file with python3 file.py