Normal \$	B $I \oplus \bigcup$ $1 \oplus \bigoplus$ $2 \oplus \bigoplus$ $2 \oplus \bigoplus$ $2 \oplus$
☐ I've end ☐ see att ☐ in the	dshake timeout error countered many times on push and pull of images tached file (Handshake timeout example (on push)) with console output on push attempts his example it managed to push 5 out of 6 images without trying to push the unpushed image again are executed push-all-images-to-docker-hub.sh script in commit 8ca2b4e used when I reproduced kup subtash 13 (previous one)
.sh scripts	
□ on ima □ if imag	-until-pull-or-push-all-images.sh age push make sure all of them are push and for the ones that failed try to push them again be not pushed/pulled from docker hub try again until it's pushed/pulled using if and white statements c.sh scripts - cause TLS handshake timeout
docker comp	pose -f/docker-compose.yml up -d
docker scripts to tried d it do	Ik:8-jdk-alpine image is needed for mvn package (that build the spring boot project images on local r) so in the script it's pulled before mvn package clean up my remote Docker Hub remote elete-one-image-from-docker-hub.sh cesn't work but useful to see how args or flags are passed inside an .sh script mmit below, so the commit before (with hash 533e667719c587c58fe1de8c1254cdb58a37c5a6) is the e containing the folder with these scripts
	54abfc70eba548f03b81986437a422 (HEAD -> master, origin/master) Deleted not-working-delete-from-folder. Need to try these delete sctipts some other time (to clean up my remote Docker hub repo).
☐ if and wh ☐ Using Fur	
ls -1	
no fail no fail Create ar	nt scripts for pull (when/before docker compose file run)
do	<pre>myArray[@]} 0; i < my_len; i++)) Element [\$i]: \${myArray[\$i]}"</pre>
Scripts usag	ge in git bash cli:
<pre>\$./clean-l \$./attempt \$./attempt</pre>	\ local-docker-env.sh ts-until-pull-or-push-all-images.sh -a push ts-until-pull-or-push-all-images.sh -a project_pull ts-until-pull-or-push-all-images.sh -a official_pull

<pre>\$./restart-all-containers-locally-from-scratch.sh \$./restart-all-containers-locally-from-scratch.sh -a no_maven_build</pre>		
☐ that will fail with a message		
<pre>\$./attempts-until-pull-or-push-all-images.sh</pre>		
Flows or scenarios (3)		
(1)Push 2 images test delete all images in remote Docker Hub repo https://hub.docker.com/repositories (from the cosdin account)		
open git bash in the folder C:\javaDev\workspace\07-micro-1\sh-scripts-and-mvn-aggregate or		
/c/javaDev/workspace/07-micro-1/sh-scripts-and-mvn-aggregate as listed in the git bash cli		
run in git bash: clean local, this stops running containers, deletes them, deletes all images and used networks on local Docker		
<pre>\$./clean-local-docker-env.sh</pre>		
create 2 images (only): openjdk and micro-1 images by opening git bash to /c/javaDev/workspace/07-micro-1 and run		
mvn clean package -DskipTests		
□ run in git bash: push the 2 images (only) to the remote Docker Hub repo, for the images that don't exist on local Docker but the names are in the projects_image_arr array in the script the "Image not exists locally so cannot push it." message is printed in cli		
<pre>\$./attempts-until-pull-or-push-all-images.sh -a push</pre>		
(2)Start containers with maven build ☐ Run in git bash		
<pre>\$./restart-all-containers-locally-from-scratch.sh</pre>		
□ steps		
1. cleans the local Docker environment		
2. pulls the official images from Docker Hub by calling/attempts[] script which does attempt when pulling images one by one, if one attempt fails due to bad connection (TLS handshake timeout error		
that I've encountered many times on push and pull of images explicitly without this script or when docker compose pulls the images it needs for the containers (see step 4)) it will do a new attempt until		
it succeeds		
3. runs the maven build to create the spring boot project Docker images locally, this needs the image openjdk:8-jdk-alpine pulled in step 2 (because it's in the Dockerfile of all of the 6 spring boot		
projects)		
starts the containers calling the docker compose file, in this step all the necessary images should be present locally:		
the official images downloaded in step 2		
☐ the spring boot projects images build in step 3 ☐ includes the calls:		
./clean-local-docker-env.sh		
<pre>[] ./attempts-until-pull-or-push-all-images.sh -a official_pull</pre>		
[] mvn clean package -DskipTests		
[]		
docker compose -f/docker-compose.yml up -d		
□ look in Docker Desktop □ there are 11 images with the "in use" status and the openidk image appers with no status		
☐ all 11 containers are green (running)		
□ refresh the Docker Hub remote repo		
 in the cosdin account delete all images from the page https://hub.docker.com/repositories push all images from local Docker on Docker Hub remote repo 		

<pre>\$./attempts-until-pull-or-push-all-images.sh -a push</pre>			
☐ in the page https://hub.docker.com/repositories you should find the 6 spring boot project images built with			
mvn clean package -DskipTests previously and pushed with _/attempts-until-pull-or-push-all-images.sh -a			
push			
(3)Start containers without maven build			
☐ Run in git bash			
<pre>\$./restart-all-containers-locally-from-scratch.sh -a no_maven_build</pre>			
□ steps			
1. cleans the local Docker environment			
2. pulls the 6 spring boot project images from remote Docker Hub repo			
3. pulls the official images from Docker Hub4. starts the containers calling the docker compose file			
includes the calls:			
./clean-local-docker-env.sh			
[]			
<pre>./attempts-until-pull-or-push-all-images.sh -a project_pull []</pre>			
./attempts-until-pull-or-push-all-images.sh -a official_pull			
[] docker compose -f/docker-compose.yml up -d			
all 11 containers get restarted on docker or laptop restart because there is restart: always in the docker			
compose file			
Last commits:			
□ log pretty (remove -n4 to print all commts not only the last 4 commits only)			
\$ git loggraphpretty=format:'%C(auto)%h%d (%cr) %cn <%ce> %s'all -n4			
□ 07-micro-1:			
8227873 (origin/master, master) (23 hours ago) Cosmin Dinu <cdcdd15@gmail.com> Put together one script for repo basic (status) info for all 6 microservice git repos.</cdcdd15@gmail.com>			