JANUARY 2023

12

THURSDAY

Week 2

FEBRUARY 2023
M	T	W	T	F	S	S
		1	2	3	4	5
6	7	8	9	10	11	12
13	14	15	16	17	18	19
20	21	22	23	24	25	26
27	28					

Day 12 ★ 353 Left

Zanzibar Revolution Day (Tanzania)

7

→ Install Docker

→ Go to Docker hub, create account

→ Create repository

→ Open command prompt

→ ═ Type ═ ⟶ ⦿⦿⦿⦿⦿⦿ Obuluter

→ Type: docker login

docker images

docker pull ubuntu

docker tag ubuntu=6reponame)

docker images

4A ⟶ docker push (repo.name)

→ Go to docker hub and reload repo page

11

JANUARY 2023

WEDNESDAY

Day 11 ● 354 Left

JANUARY
M T W T F
30 31
2 3 4 5 6 7 8
9 10 11 12 13 14 15
16 17 18 19 20 21 22
23 24 25 26 27 28 29

Week 2

#8

→ Create folder "21CE1100"

→ Open vs code

→ a file → open folder 21CE1100.

→ Create a day file named 1, 2, 3.
   HTML files

→ Open your GitHub account

→ Create repositories

→ Go back to vs code.

→ Type   git init
          git add .
          git commit -m "Devops"
          git add .
· vscode   git remote add origin (add link of repo)
 in   git branch -M main
 terminal git push -u origin main
          cd
          mkdir pull
          cd pull
          prod

FEBRUARY 2023

M	T	W	T	F	S	S
		1	2	3	4	5
6	7	8	9	10	11	12
13	14	15	16	17	18	19
20	21	22	23	24	25	26
27	28					

JANUARY 2023

10

TUESDAY

Day 10 ★ 355 Left

Week 2

#5
___

→ Create folder 21CE7100

→ Open vs code
   and create a file 'add.java'

→ Type java code for + of 2 nos.

→ Save as or save

→ Run.

→ copy path where file is saved.

→ Open Jenkins

→ Create new item as addition of 2nos.
   (freestyle project)

→ advanced → clic custom workspace

→ paste copied path here.

→ Go to build steps and add

→ click execute windows batch command

→ Type [javac add.java
        java add]

→ Then save

→ Open build now

→ once it shows tick mark

→ click on console output

09

JANUARY 2023

MONDAY

Day 9 ★ 356 Left

JANUARY
M	T	W	T
30	31		
2	3	4	5
9	10	11	12
16	17	18	19
23	24	25	26

#1) Selenium download.
→ choose code
→ go to drivers.
→ download for whichever
   web server available
   chrome, edge, firefox.
→ Extract from downloads
→ Open command propt
→ type :
   pip install selenium.
→ open vs code.
→ Type selenium code.

FEBRUARY 2023

M	T	W	T	F	S	S
		1	2	3	4	5
6	7	8	9	10	11	12
13	14	15	16	17	18	19
20	21	22	23	24	25	26
27	28					

JANUARY 2023

08

SUNDAY

Day 8 ★ 357 Left

Week 1

DevOps

1) Selenium. ✓

2) CI/CD in Jenkins - scripted pipeline

3) CI/CD in Jenkins - declarative pipeline

4) CI in Jenkins - addition of 2 no.'s.
   every 2 nins.

5) Addition of 2 nos through Jenkins
   Java program. ✓

6) Docker hub repository ✓

7) Docker commands to pull ubuntu
   official image ✓

8) Use of git commands to push and
   pull 3 html files from Github. ✓
   account

FEBRUARY 2023

M	T	W	T	F	S	S
		1	2	3	4	5
6	7	8	9	10	11	12
13	14	15	16	17	18	19
20	21	22	23	24	25	26
27	28					

JANUARY 2023

14

SATURDAY

Day 14 ★ 351 Left

Week 2

#4

→ Create repo on Github java-addition
→ add file - upload file (saved as add.java).
→ Open Jenkins
→ New item → freestyle → give name
→ ~~getStrood~~ click github project
→ put project url from github's <code>
→ SCM choose Git and paste projet url
→ ~~Build Trigger~~
→ Branches to build: */main
→ Build Triggers: build periodically
  schedule: H/2 ****

poll SCM
  schedule: H/2 ****x*

→ ~~Add~~ Add build step: execute shell
  Type: javac add.java
         java add.

→ save
→ build Now
→ click on #
→ console output

A clever person solves a problem. A wise person avoids it.

—Albert Einstein

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JANUARY 2023

FRIDAY

Day 13 ★ 352 Left

Week 2

JANUARY   2023
M	T	W	T	F	S	S
30	31					1
2	3	4	5	6	7	8
9	10	11	12	13	14	15
16	17	18	19	20	21	22
23	24	25	26	27	28	29

#6

(Install docker
extension on
vs code).

→ open cmd prompt
→ docker login

→ mkdir PHP
→ cd PHP
→ code .

→ vs code will open
→ open new file under PHP as
   "Dockerfile"

→ open one more new file under PHP as
   "index.php"

→ type code in both
→ Now go in vs code terminal
→ Type `docker build .` 21CE1100fphp

~~docker run --name=php -p~~

`docker run --name=php -p = 3000:3000 huh/php`