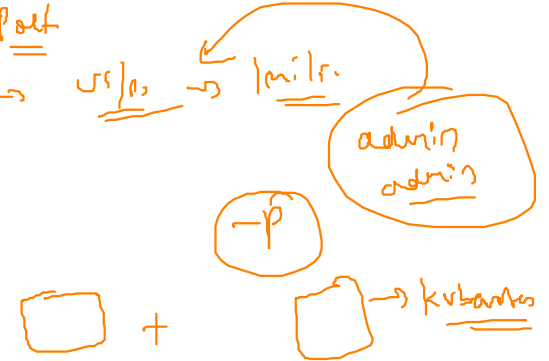
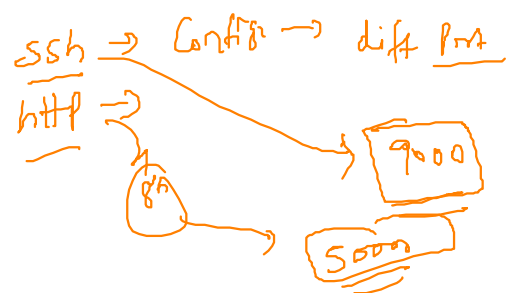
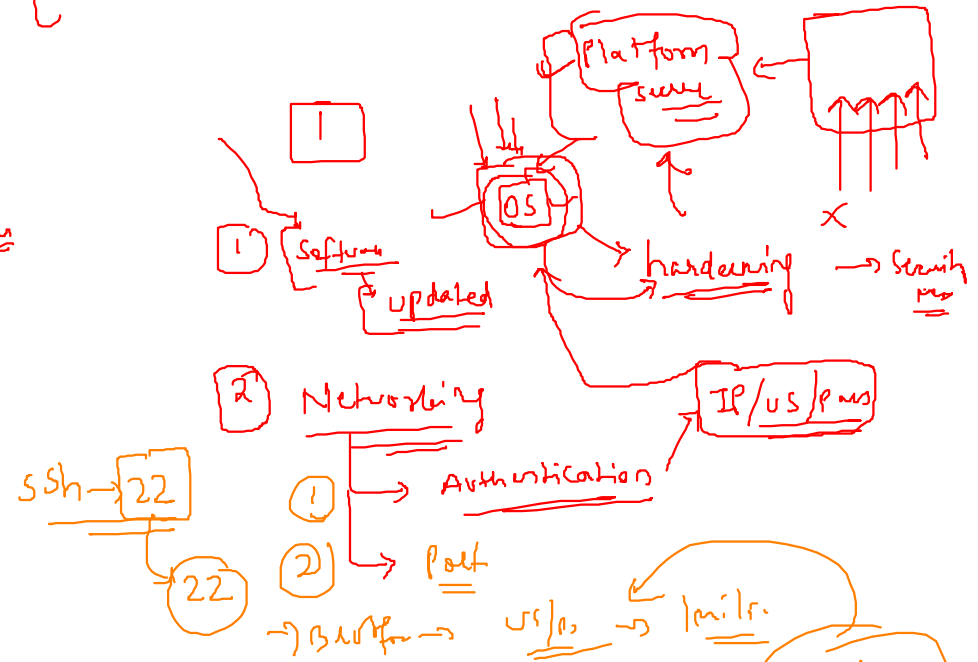
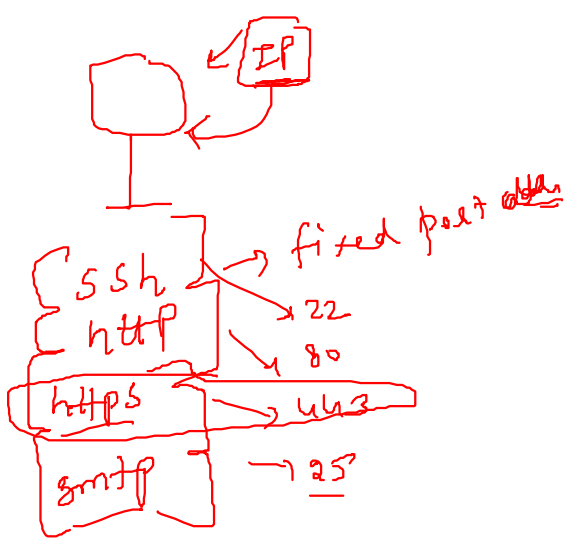
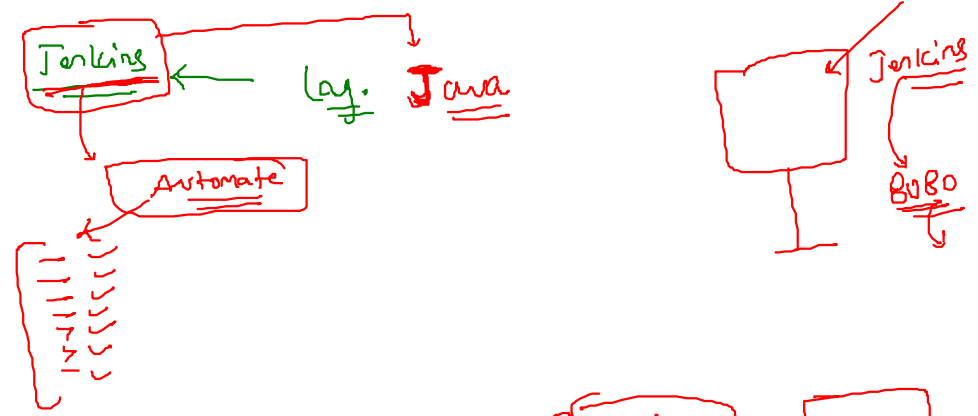
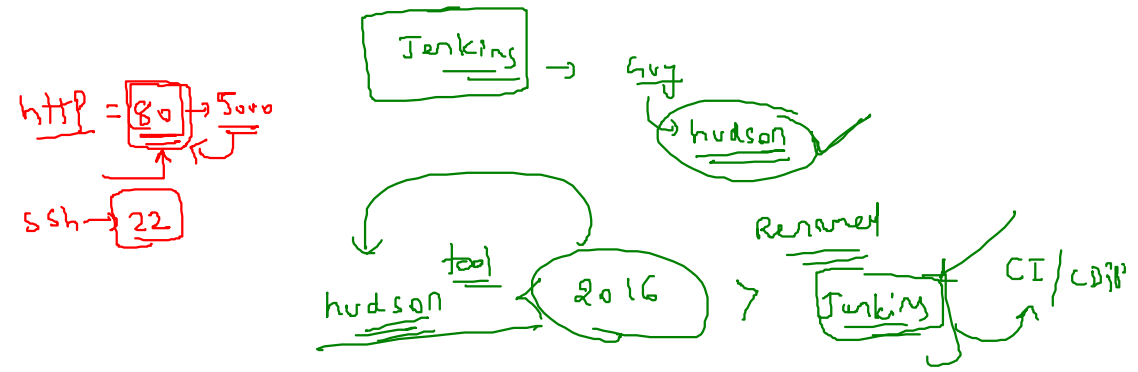
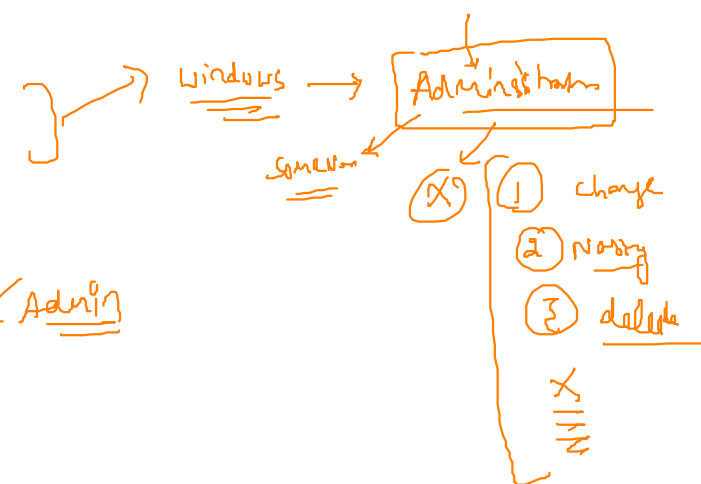


Today's Agenda :-

- 1. Jenkins
 - a. Theory
 - b. why it is needed.
 - c. How to use it.
 - d. Installation
 - e. What are jobs
 - f. What is plugins
 - g. CI/CD Pipeline



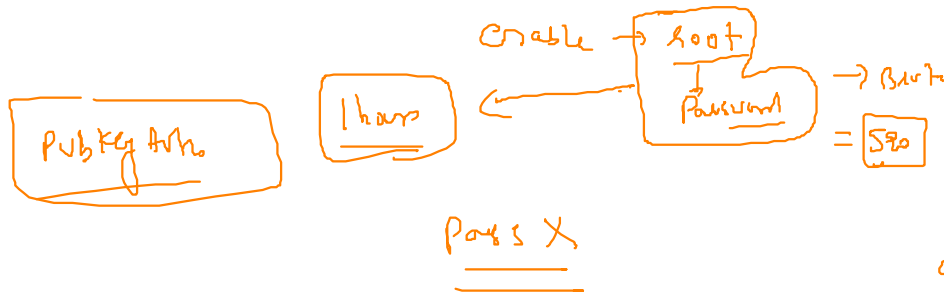
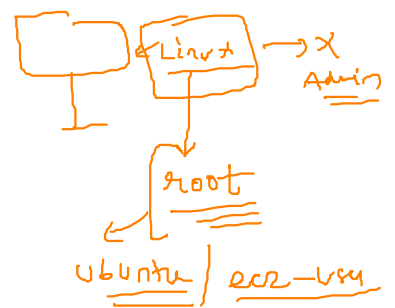
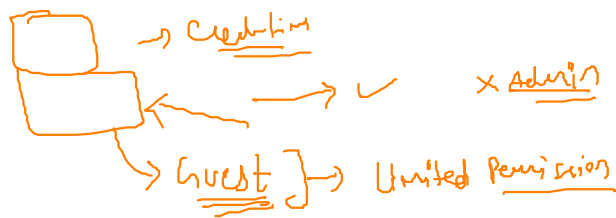
2. Authentication Process



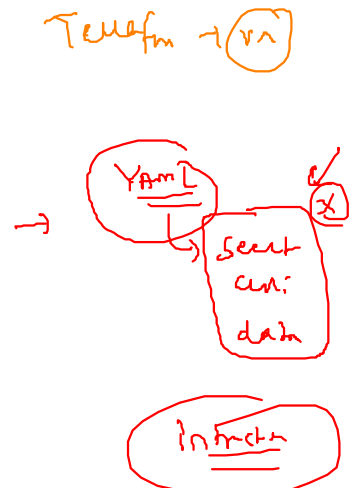
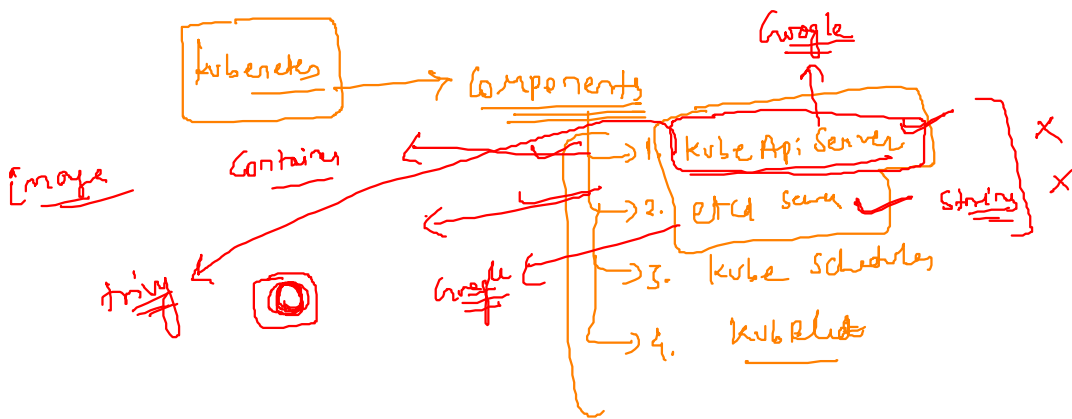
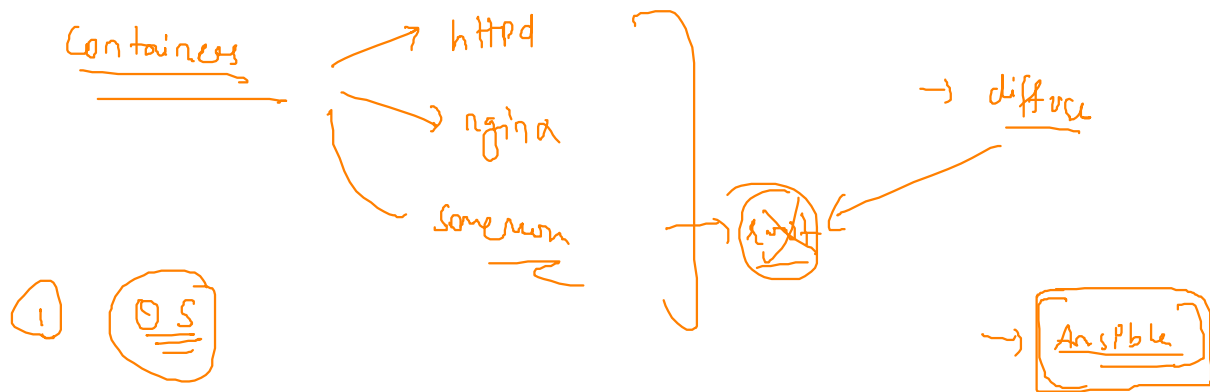
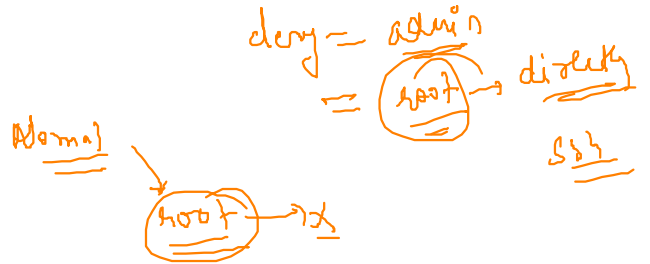
CSF -> cloud service provider



<Admin>

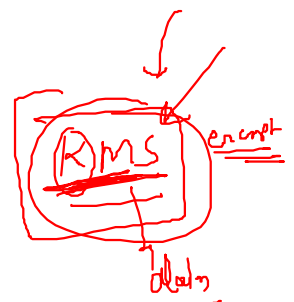
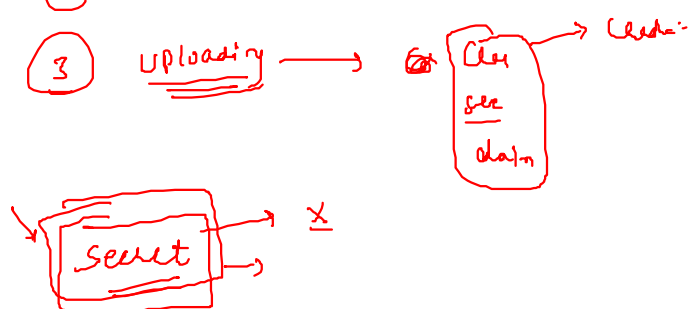


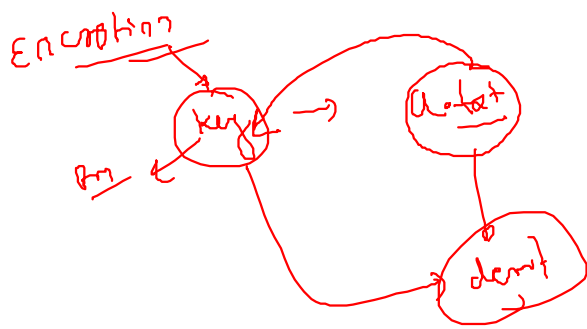
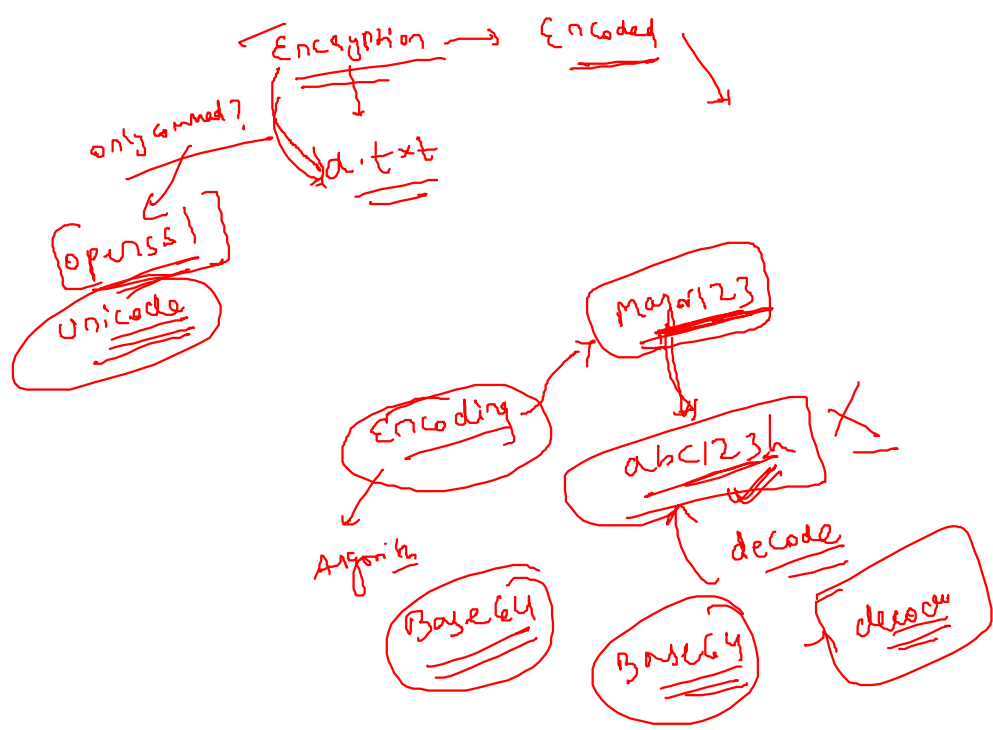
Port No



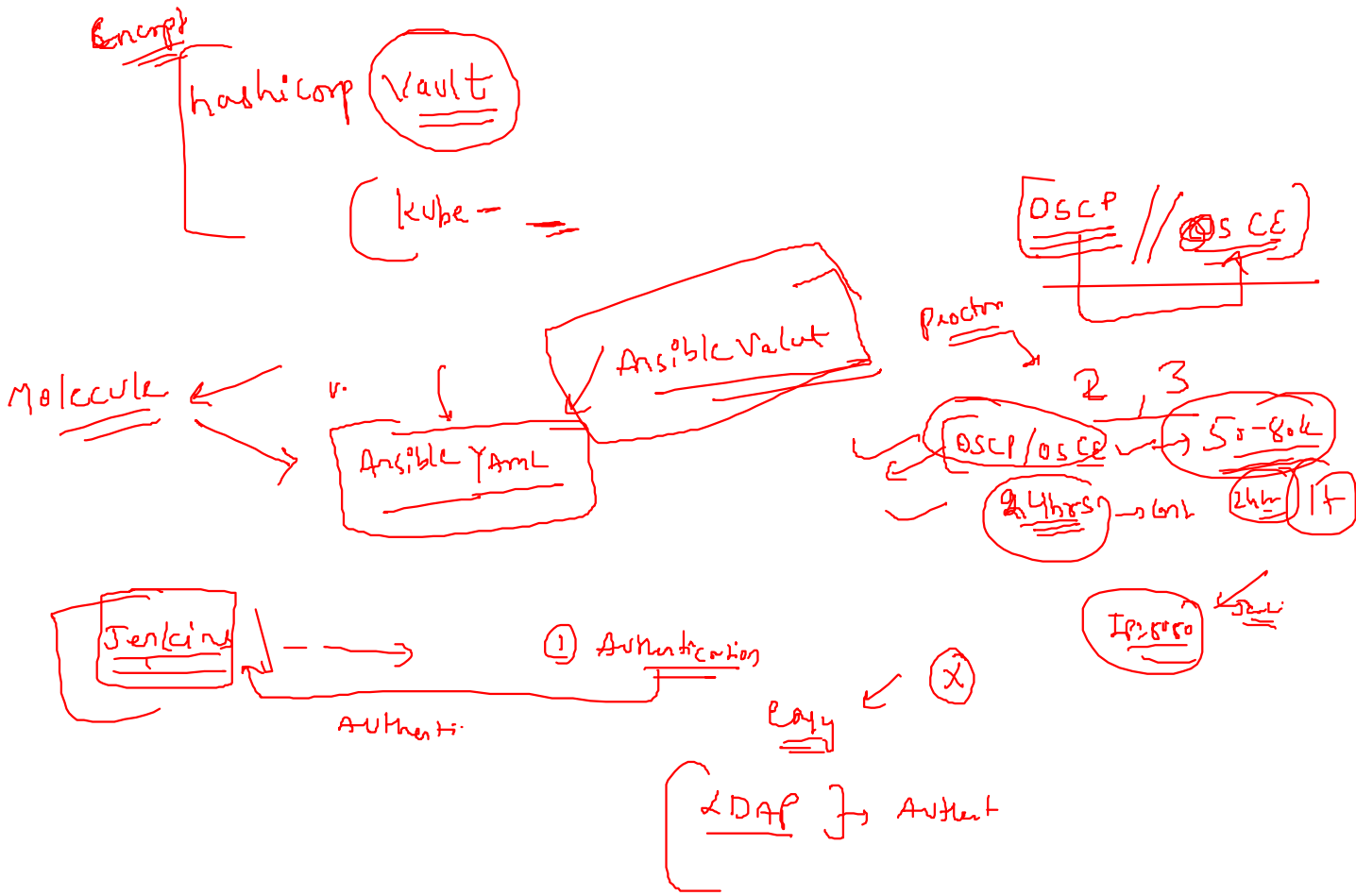
- GitHub →
- 1 PAT
 - 2 Credentials
 - 3 uploading

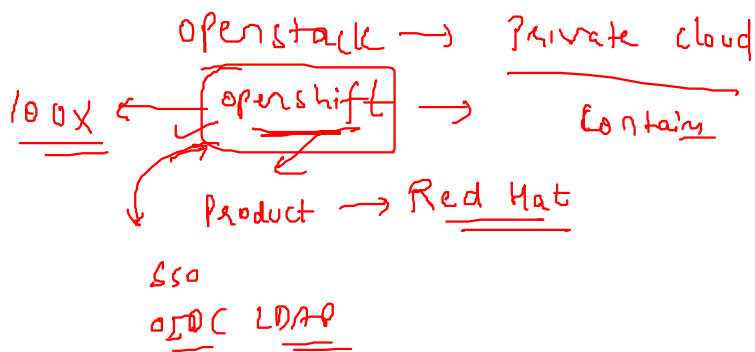
third party tools





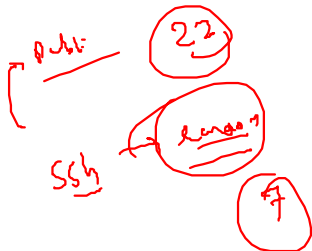
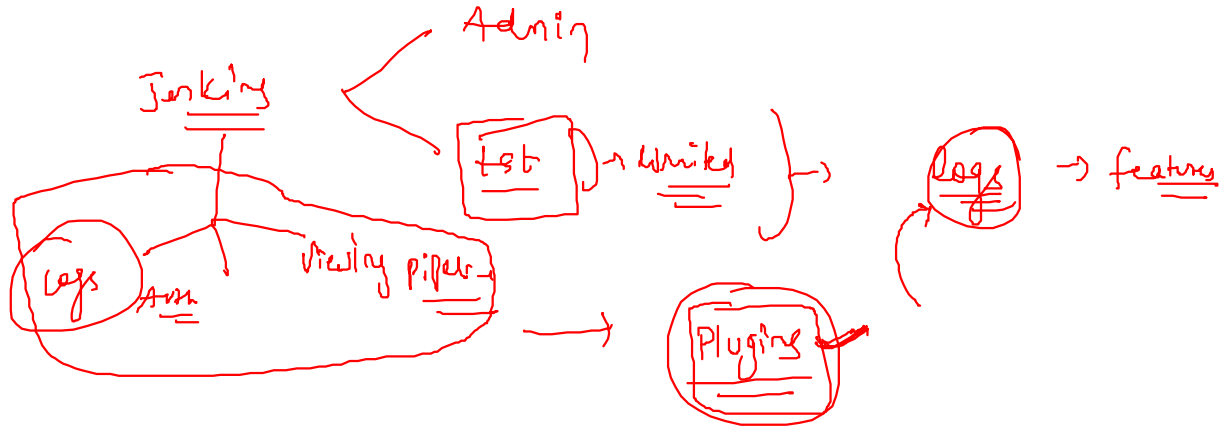
third party tool



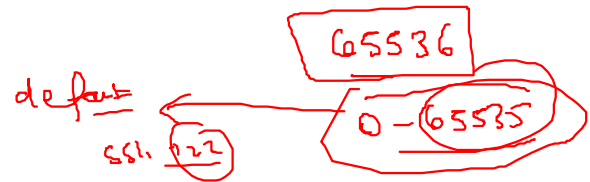


Cost

2-5 lakhs



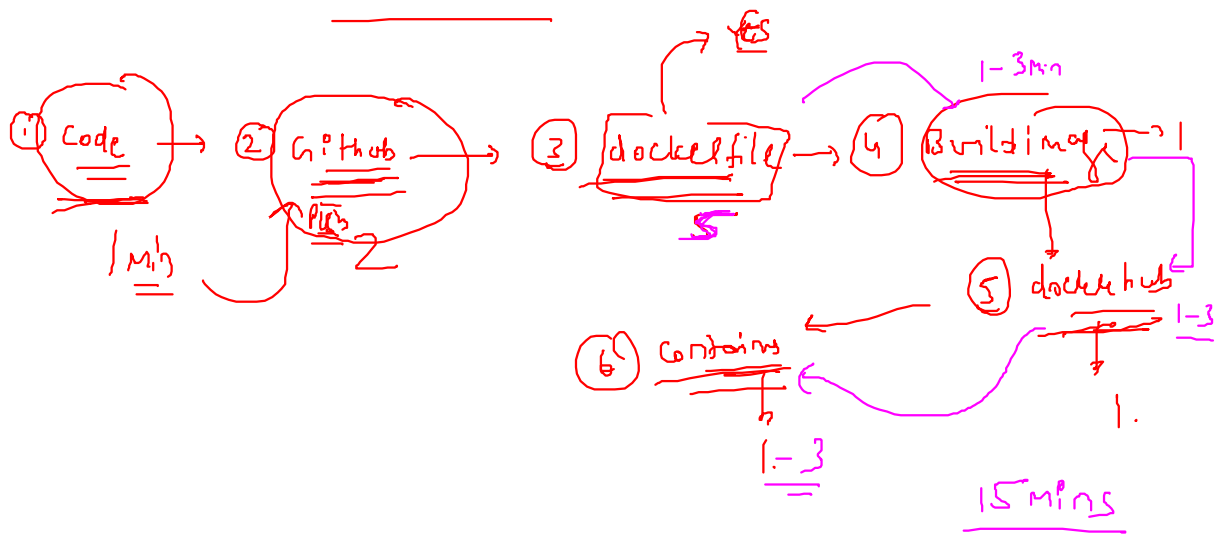
Total port No. → 63000 → close



② Key Based
Pass Based

Jenkins! →

CI/CD Pipeline



Automate

Change Code →



CI CD

②

Job



Container



②

Grouping

pipeline



Code

install

login

Jobs

(

1. Code

(

push - ci/hub

(

(