Prerequisite

- Node
- Npm
- Git
- VsCode
- Keygen

Keygen : ssh-keygen -t rsa -b 4096 -C "youName@karexpert.com".

To generate ssh use this step -

1. ssh-keygen -t rsa -b 4096 -C "youName@karexpert.com". And press 3 times enter.
2. After 2-3 times press enter you will get ssh now you need copy that key
3. cat ~/.ssh/id_rsa.pub use this command for that
4. Now copy that ssh key and add it to your git account inside settings .

Part 1
How to clone kx-web-root

- Open terminal at any location (E.g Document)
- Take clone (Kx-web-root) by using git clone
  ssh://git@repository.karexpert.com:13222/kx-web/kx-web-root.git
- Goto cloned folder and type **cd kx-web-root/**
- Change branch to r2Phase2 by using **git checkout r2Phase2**
- Run **git submodule init**
- Run **git submodule update --init --recursive**
- Install dependencies by using **npm install**

Part 2
How to clone kx-automation-config

- open terminal at where kx-web-root was cloned
- Take clone (kx-automation-config) by using **git clone
  ssh://git@repository.karexpert.com:13222/kx-web/kx-automation-config.git**
- Goto cloned folder **cd kx-automation-config/**
- Checkout to working environment (e.g dev) **git checkout dev**
- Install dependencies **npm install**
- To start server run **x**
- If http-server is not installed by npm use command **sudo npm -g i http-server**
- To check server is on or off goto local browser and navigate to localhost:8080

git submodule foreach git checkout r2Phase2
npm install --legacy-peer-deps

File upload dependency command
npm install --save-dev cypress-file-upload

TO FIX SERVER ISSUE (BUSY PORT)
sudo netstat -lpn |grep :8080

Command for updating for version 12.0.0

npm install cypress@12.0.0
npx cypress cache prune
npx cypress version

Updated command (Environment-wise) =-=

```
## QA

export CYPRESS_ENVRIONMENT="qa"
export CYPRESS_BASE_URL="https://karexpert.epc01.kxstage.com/"
export CYPRESS_JSON_SERVER="http://localhost:8080"
export CYPRESS_USERNAME="r2_auto"
export CYPRESS_PASSWORD="juhi@2021"
export CYPRESS_ACCOUNT_URL="r2automation.com"
export CYPRESS_MULTI_DOMAIN=true

## dev
export CYPRESS_ENVRIONMENT="dev"
export CYPRESS_BASE_URL="https://karexpert.epc01.kxaction.com/"
export CYPRESS_JSON_SERVER="http://localhost:8080"
export CYPRESS_USERNAME="r2_facility"
export CYPRESS_PASSWORD="juhi@2021"
export CYPRESS_ACCOUNT_URL="r2automation.com"
export CYPRESS_MULTI_DOMAIN=true
```

```bash
## uat
export CYPRESS_ENVRIONMENT="uat"
export CYPRESS_JSON_SERVER="http://localhost:8080"
export CYPRESS_USERNAME="r2_uat"
export CYPRESS_PASSWORD="juhi@2021"
export CYPRESS_ACCOUNT_URL="r2automation.com"
export CYPRESS_MULTI_DOMAIN="true"
export CYPRESS_BASE_URL="https://karexpert.epc03.karexpert.com/"

## prod
export CYPRESS_ENVRIONMENT="prod"
export CYPRESS_JSON_SERVER="http://localhost:8080"
export CYPRESS_USERNAME="r2_facility"
export CYPRESS_PASSWORD="juhi@2021"
export CYPRESS_ACCOUNT_URL="r2automation.com"
export CYPRESS_MULTI_DOMAIN="true"
export CYPRESS_BASE_URL="https://karexpert.epc02.karexpert.com/"
```