AWS Website : https://aws.amazon.com → create new account
:https://aws.amazon.com/console/ →Login using email address

AWS MANAGEMENT CONSOLE PAGE→AWS Services-> search EC2
EC2 Panel →Launch instance and select ubuntu image
Select FreeTier
Press Review and Launch button
Generate Key Pair: create new key pair,download key and launch instance
Create Folder on desktop and put that key pair in that folder
EC@ Dashboard→select instance and connect
There are Three Ways to Connect –1. A standard SSH client 2.Session manager
3. EC2 instance connect (browser based SSH connection)
Select stand alone
Open Terminal - **chmod 400 FileName**
-**ssh -i……..command**

Now The Local Terminal Has been connected to the instance
Sudo su : #
apt-get update
*********installing software
Install java on EC2
apt install openjdk-11-jdk
java -version
javac -version(java compiler version)
jshell --sout("hey") , /imports--works on server
exit jshell
install tomcat
#apt-get install tomcat8
#/etc/init.d/tomcat8 start
#/etc/init.d/tomcat8 status-- running(active)
#/etc/init.d/tomcat8 stop
#/etc/init.d/tomcat8 restart

EC2 Dashboard*****
Click on Elastic Ip
Allocate Elastic ip
Allocate
Click on ip
Associate Elastic ip
Choose instance and choose ip
Click on Associate
Click on instance you will see Public ip in bottom
Click on security group to allow tomcat server
Click inbound rule
Edit inbound rule
Add rule
Custom TCP,Port 8080 ,search-anywhere -save rule
Go to browser - public ip:port – tomcat successfully setup

install mysql**********
#apt-get update
apt-get install mysql-server
#mysql_secure_installation
yes
#0(zero)
#password
#reenter password
#yes
#yes
#yes
#no
#yes

All Done

mysql -u root -p
#password
login to mysql
mysql> show databases
#use mydb
#create database mydb
#show tables
#create user 'chail'@'%' identified by 'password'

#grand all privileges on *.* to 'chail'@'%';
#flush privileges
#exit;

login with normal user
mysql -u chail -p
password
show database
use mydb
create table sample(id int ,name varchar(14)(;
desc sample

Springboot project
make web archive file(war file)
click on project then export –war file +browse+ folder+finish

Now we need FTP(file transfer protocol) Client
An FTP client is an application on your computer that connects you to remote servers through FTP and other protocols. An FTP client provides an environment in which you can upload files to a server, download files from a server to your device, and view and manage files stored on your web server.

Connecting FTP client to instance

Search on google → filezilla FTP Client Download

open filezilla:

–open sitemanager button click

–new site- name that site

-protocol- SFTP

-Host-ip address

-port 22(ssh port)

-user -ubuntu

-key file browse-- upload pem file)

-ok

-

click sitemanager:

--> click on site and connect ,always trust and ok

-->click on /

--> go to var

--> go to lib

--> go to tomcat8

--> webapps

--> full path /var/lib/tomcat8/webapps

-->application will uploaded in webapps

--> give read and write permission to webapps

--> terminal-chmod 777/var/lib/tomcat8/webapps --enter

--> site manager-local side -desktop filename-learn-war file click and upload

--> restart tomcat-- /etc/init.d/tomcat8 restart

--> go to browser-- ip:8080/notetaker

YOUR APPLICATION IS LIVE NOW