

amazon linux command

sudo yum update

sudo su - => to become root user

java setup

yum install java-1.8*

sudo amazon-linux-extras install java-openjdk11

java -version

set java path

whereis java

find /usr/lib/jvm/java-1.8* | head -n 3

after command you will get below one

/usr/lib/jvm/java-1.8.0-openjdk-1.8.0.342.b07-1.amzn2.0.1.x86_64

vi ~/.bash_profile => hit enter then press i set java home path as per below image then to save press escape the :wq then hit enter

JAVA_HOME=/usr/lib/jvm/java-1.8.0-openjdk-1.8.0.342.b07-1.amzn2.0.1.x86_64

```
# .bash_profile

# Get the aliases and functions
if [ -f ~/.bashrc ]; then
    . ~/.bashrc
fi

# User specific environment and startup programs

PATH=$PATH:$HOME/bin:$JAVA_HOME
JAVA_HOME=/usr/lib/jvm/java-1.8.0-openjdk-1.8.0.342.b07-1.amzn2.0.1.x86_64

export PATH

-- INSERT --
```

```
echo $PATH (to see latest path)
```

```
source ~/.bash_profile
```

```
echo $PATH
```

java setup is completed

2> Maven Setup

to install maven link is below

<https://dlcdn.apache.org/maven/maven-3/3.8.6/binaries/apache-maven-3.8.6-bin.tar.gz>

1st check pwd

must be in root you are

cd /opt

wget <https://dlcdn.apache.org/maven/maven-3/3.8.6/binaries/apache-maven-3.8.6-bin.tar.gz>

ls

tar -xvzf finename(maven file name)

ls

cd mavenfolder

path for maven

pwd

/opt/apache-maven-3.8.6 copy path

vi ~/.bash_profile

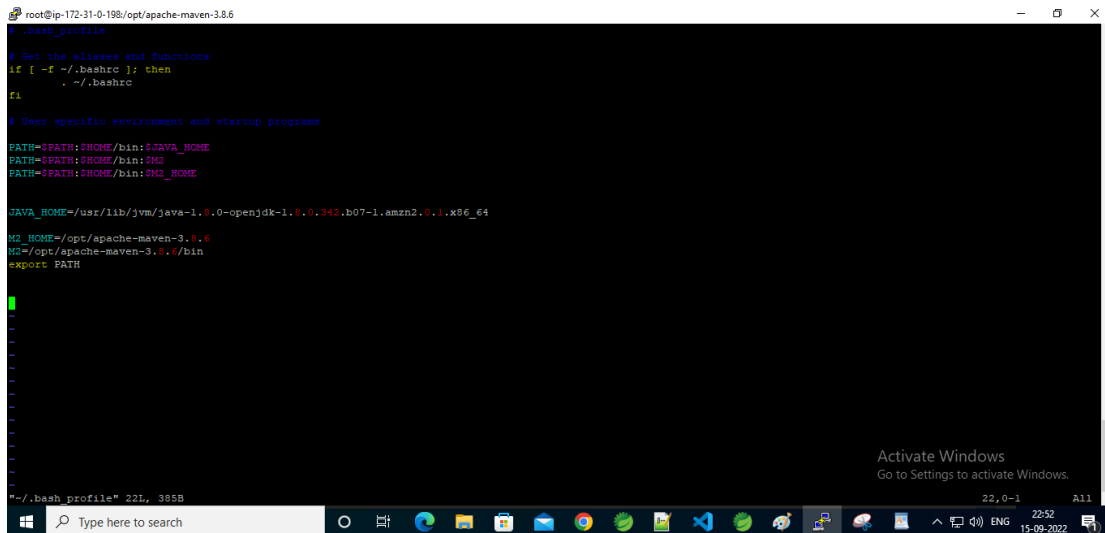
M2_HOME=/opt/apache-maven-3.8.6

M2=/opt/apache-maven-3.8.6/bin

PATH=\$PATH:\$HOME/bin:\$M2

```
PATH=$PATH:$HOME/bin:$M2_HOME
```

vi ~/.bash_profile => hit enter then press i set maven home path as per below image then to save press escape the :wq then hit enter



```
root@ip-172-31-0-198:/opt/apache-maven-3.8.6
# ~/.bash_profile

# Get the aliases and functions
if [ -f ~/.bashrc ]; then
    . ~/.bashrc
fi

# User specific environment and startup programs

PATH=$PATH:$HOME/bin:$JAVA_HOME
PATH=$PATH:$HOME/bin:$M2
PATH=$PATH:$HOME/bin:$M2_HOME

JAVA_HOME=/usr/lib/jvm/java-1.8.0-openjdk-1.8.0.342.b07-1.amzn2.0.1.x86_64

M2_HOME=/opt/apache-maven-3.8.6
M2=/opt/apache-maven-3.8.6/bin
export PATH

"~/.bash_profile" 22L, 305B
```

```
echo $PATH (to see latest path)
```

```
source ~/.bash_profile
```

```
echo $PATH
```

```
mvn --version
```

```
yum install git
```

```
clear
```

```
git clone url
```

```
ls
```

```
cd project
```

ls

mvn package

cd filename to go inside

cd ~ come back

ls

go inside pom.xml

cd file name

find / -name .m2

yum install tree

tree

java -jar filename

<http://ec2-54-70-53-110.us-west-2.compute.amazonaws.com:8080/products/2>

maven project creation through command

<https://maven.apache.org/archetypes/maven-archetype-webapp/>

mvn archetype:generate

mvn archetype:generate | grep webapp

mvn archetype:generate | grep maven-archetype-webapp

Jenkins Setup

keep ready ec2 with java