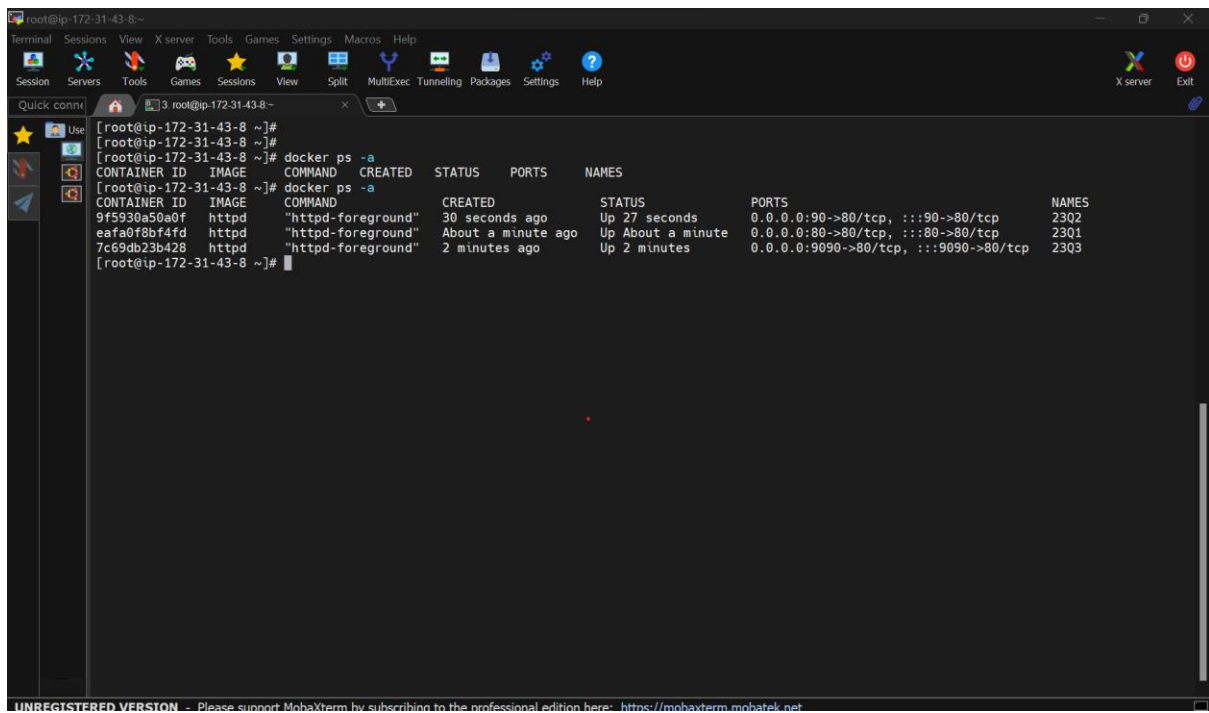


## Docker Assignment 1:

Docker container:

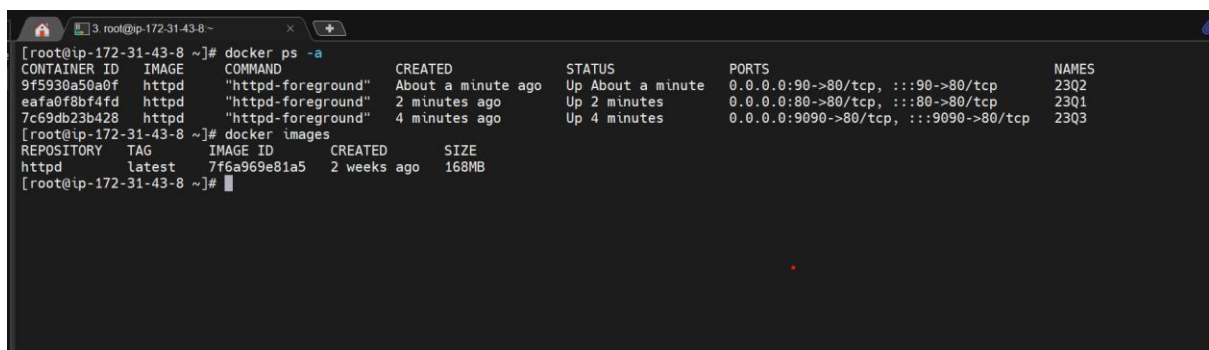


A screenshot of a terminal window titled 'root@ip-172-31-43-8 ~'. The terminal shows the output of the 'docker ps -a' command, which lists all Docker containers. The output is as follows:

CONTAINER ID	IMAGE	COMMAND	CREATED	STATUS	PORTS	NAMES
9f5930a50a0f	httpd	"httpd-foreground"	30 seconds ago	Up 27 seconds	0.0.0.0:90->80/tcp, :::90->80/tcp	23Q2
eaafa0f8bf4fd	httpd	"httpd-foreground"	About a minute ago	Up About a minute	0.0.0.0:80->80/tcp, :::80->80/tcp	23Q1
7c69db23b428	httpd	"httpd-foreground"	2 minutes ago	Up 2 minutes	0.0.0.0:9090->80/tcp, :::9090->80/tcp	23Q3

The terminal window also shows a sidebar with icons for 'Session', 'Servers', 'Tools', 'Games', 'Sessions', 'View', 'Split', 'MultiExec', 'Tunneling', 'Packages', 'Settings', and 'Help'. At the bottom, there is a message: 'UNREGISTERED VERSION - Please support MobaXterm by subscribing to the professional edition here: <https://mobaxterm.mobatek.net>'.

Docker images:



A screenshot of a terminal window titled 'root@ip-172-31-43-8 ~'. The terminal shows the output of the 'docker images' command, which lists all Docker images. The output is as follows:

REPOSITORY	TAG	IMAGE ID	CREATED	SIZE
httpd	latest	7f6a969e81a5	2 weeks ago	168MB

The terminal window also shows a sidebar with icons for 'Session', 'Servers', 'Tools', 'Games', 'Sessions', 'View', 'Split', 'MultiExec', 'Tunneling', 'Packages', 'Settings', and 'Help'. At the bottom, there is a message: 'UNREGISTERED VERSION - Please support MobaXterm by subscribing to the professional edition here: <https://mobaxterm.mobatek.net>'.

Jenkins Job dashboard:

Instances | EC2 | ap-sou... x dockerassignment [Jenk... x 65.2.140.167:9090 x 65.2.140.167 x 65.2.140.167:90 x +

← → ↻ Not secure | 65.2.140.167:8080/jenkins/view/dockerassignment/ ☆ Incognito

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**Jenkins** 🔍 Search (CTRL+K) 🔔 1 👤 Akshay Randive 🚪 log out

Dashboard > dockerassignment >

+ New Item
People
Build History
Edit View
Delete View
Project Relationship
Check File Fingerprint
Manage Jenkins
My Views
Open Blue Ocean

Add description

All Assignment-2 Auto-Triggered Job Parameterpass Pipeline-1st Pipeline-assignment
Sequence **dockerassignment** slave-job +

S	W	Name ↓	Last Success	Last Failure	Last Duration	Fav
✓	☁	dockerjob-23Q1	3 min 37 sec #14	21 hr #12	4.5 sec	▶ ☆
✓	☀	dockerjob-23Q2	2 min 53 sec #2	N/A	5.6 sec	▶ ☆
✓	☁	dockerjob-23Q3	5 min 31 sec #2	8 min 35 sec #1	14 sec	▶ ☆

Icon: S M L Icon legend 📡 Atom feed for all 📡 Atom feed for failures 📡 Atom feed for just latest builds

Build Queue ▾

Output with Jenkins job:

23Q1 with 80 port

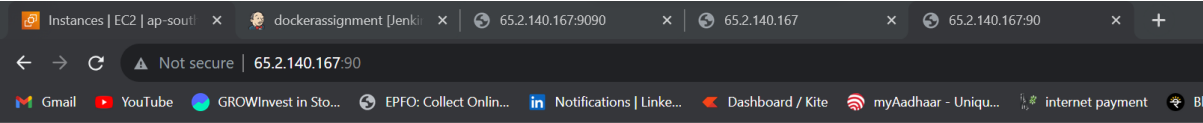
Instances | EC2 | ap-sou... x dockerassignment [Jenk... x 65.2.140.167:9090 x 65.2.140.167 x 65.2.140.167:90 x +

← → ↻ Not secure | 65.2.140.167 ☆ Incognito

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This is the index.html file (23Q1)

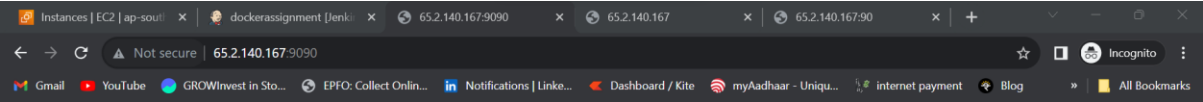
23Q2 with 90 port



This is the index.html file (23Q2)

---

23Q3 with 9090 port



This is the index.html file (23Q3)

Script for job:

23Q1

```
pipeline{
  agent {
    label {
      label "built-in"
      customWorkspace "/mnt/CloneProject"
    }
  }

  stages
  {
    stage("1st-clone project")
    {
      steps {
        sh "rm -rf * "
        sh "git clone https://github.com/Akirandive/myLatestAPP.git -b 23Q1"
        echo "clone completed...."
        sh "chmod -R 777 /mnt/CloneProject/"
      }
    }

    stage("2nd -container creation and file deployment ")
    {
      steps {

        sh "docker run --name 23Q1 -dp 80:80 httpd"
```

```
        sh " docker cp /mnt/CloneProject/myLatestAPP/index.html
23Q1:/usr/local/apache2/htdocs"
```

```
    }
```

```
  }
```

```
}
```

```
}
```

23Q2:

```
pipeline{
```

```
  agent {
```

```
    label {
```

```
      label "built-in"
```

```
      customWorkspace "/mnt/CloneProject"
```

```
    }
```

```
  }
```

```
  stages
```

```
  {
```

```
    stage("1st-clone project")
```

```
    {
```

```
      steps {
```

```
        sh "rm -rf * "
```

```
        sh "git clone https://github.com/Akirandive/myLatestAPP.git -b 23Q2"
```

```
        echo "clone completed...."
```

```
        sh "chmod -R 777 /mnt/CloneProject/"
```

```

    }

}

stage("2nd -container creation and file deployment ")
{
    steps {

        // sh "docker stop 23Q1"
        //sh "docker system prune -a -f "
        sh "docker run --name 23Q2 -dp 90:80 httpd"
        sh " docker cp /mnt/CloneProject/myLatestAPP/index.html
23Q2:/usr/local/apache2/htdocs"

    }

}

}

}

}

```

23Q3:

```

pipeline{
    agent {
        label {
            label "built-in"
            customWorkspace "/mnt/CloneProject"

```

```

    }
}

stages
{
    stage("1st-clone project")
    {
        steps {
            sh "rm -rf * "

            sh "git clone https://github.com/Akirandive/myLatestAPP.git -b 23Q3"

            echo "clone completed...."

            sh "chmod -R 777 /mnt/CloneProject/"

        }

    }

    stage("2nd -container creation and file deployment ")
    {
        steps {

            // sh "docker stop 23Q1"

            //sh "docker system prune -a -f "

            sh "docker run --name 23Q3 -dp 9090:80 httpd"

            sh " docker cp /mnt/CloneProject/myLatestAPP/index.html
23Q3:/usr/local/apache2/htdocs"

        }

    }

} }

```