**all\_jenkins.sh file:**

#!/bin/bash

sudo yum -y update

echo "Install Java JDK 8"

sudo yum remove -y java

sudo yum install -y java-1.8.0-openjdk

echo "Install Maven"

sudo yum install -y maven

echo "Install git"

sudo yum install -y git

echo "Install Docker engine"

sudo yum update -y

sudo yum install docker -y

sudo sudo chkconfig docker on

echo "Install Jenkins"

sudo wget -O /etc/yum.repos.d/jenkins.repo http://pkg.jenkins-ci.org/redhat-stable/jenkins.repo

sudo rpm --import https://jenkins-ci.org/redhat/jenkins-ci.org.key

sudo yum install -y jenkins

sudo usermod -a -G docker jenkins

sudo chkconfig jenkins on

echo "Start Docker & Jenkins services"

sudo service docker start

sudo service jenkins start

**Bash Scripting**

1. How to view or read a file content?
2. Read file content by opening it

Using vi/vim/nano

1. Read a file content without opening it

Using cat/less/more ===> to quit type (q)

1. Read a file content with conditions

Using more/head/tail/grep/awk/sed

Ex:

**more -n <filename>** ===> this command displays the **text upto the specified n number** of lines of the document.

**more +n <filename>** ===> this command displays the text **from the specified n number** of lines of the document.

**head <file name>** ===> This command displays top 10 lines from a file.

**head -n <file name>** ===> This command displays top n number of lines of the document.

**tail <filename>** ===> This command reads last 10 lines from a file

**tail -n <filename>** ===> This command displays last n number of lines

**Note:**

* Set line numbers in a file by using “vi” editor for this “**:set number**”
* Set line numbers in a file by using “cat” for this “ **cat -n <filenamewithpath>**”
* To clear the screen “ctrl+l”