Big Data: Data Analysis Boot Camp
Starting Hadoop on Linux

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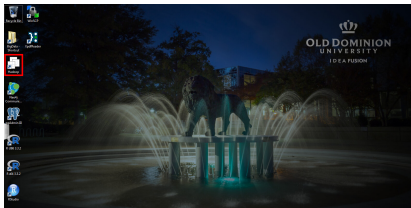# Table of contents (1 of 1)

What are we going to cover?

Hadoop provides the map-reduce
infrastructure used by selected R scripts
in this boot camp. We will show
commands that:

1. Are executed once,
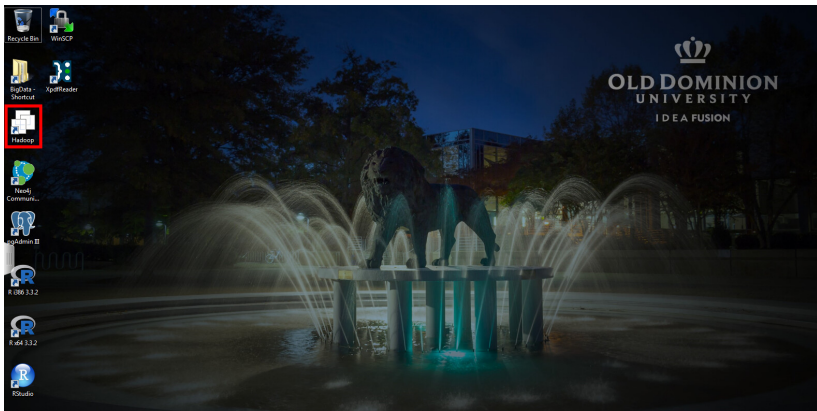2. Must be executed everytime, and
3. Should be executed everytime.

Intro.   Accessing Linux   One time command   Everytime commands   Sometime commands
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Step-by-step

Finding the Linux VM

Locate the hadoop shortcut on
the desktop

Find and start the Linux
VMware.

Intro.   **Accessing Linux**   One time command   Everytime commands   Sometime commands
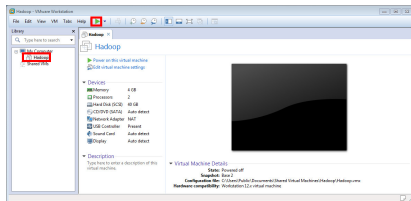   ○●○○○○○○○   ○○○○
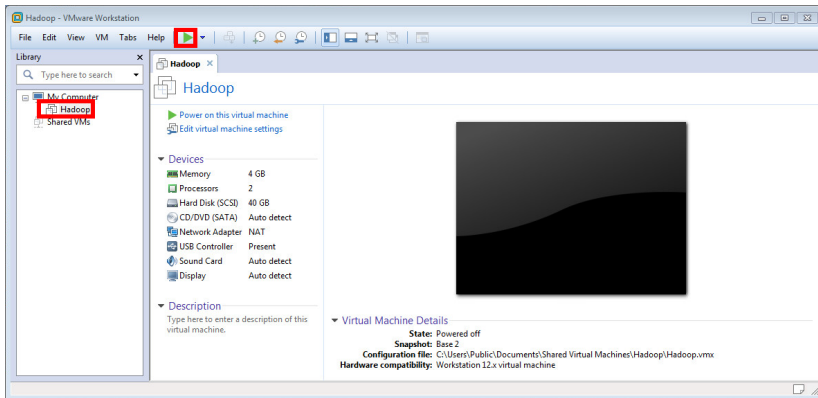Step-by-step

Same image.

Find and start the Linux VMware.

Starting the Linux VM

1. Locate the Hadoop label on the left bar
2. Press the run button on the top
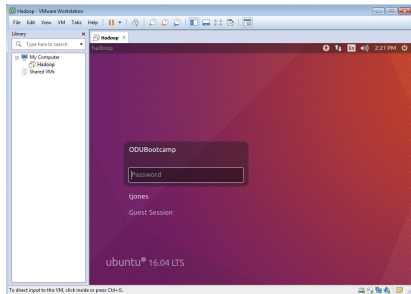3. Accept the various default warnings and settings

Find and start the Linux VM.

Same image.
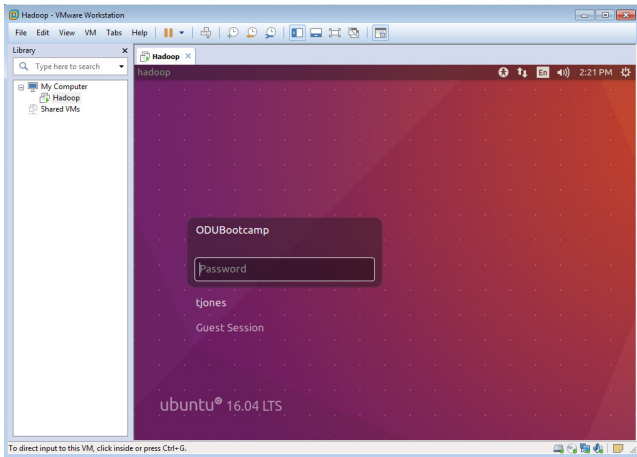

Find and start the Linux VM.

Intro.	**Accessing Linux**	One time command	Everytime commands	Sometime commands
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Step-by-step

Log into the Linux/Ubuntu software

- Login name is:
  ODUBootcamp
- Password is: ODUBootcam

You will need the password many
times.

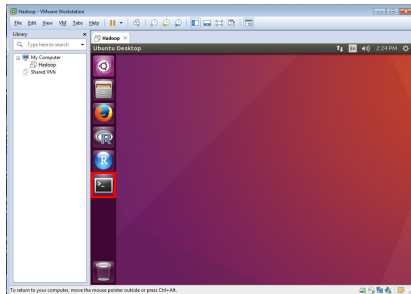| Intro.	Accessing Linux	One time command	Everytime commands	Sometime commands
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Step-by-step
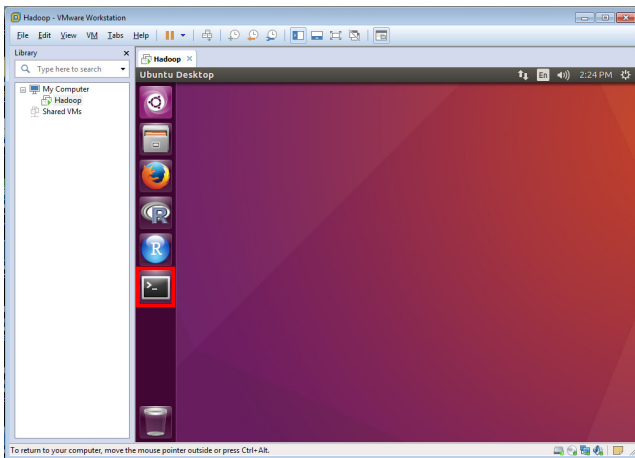
Same image.

You will need the password many times.

Bring up a command/terminal window

Double click the terminal icon.

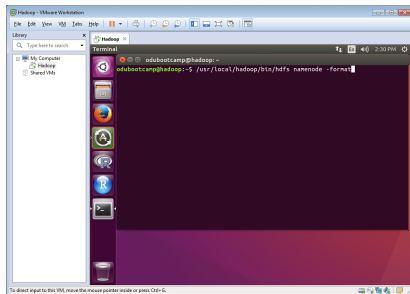You have now accessed the Linux VM and brought up a terminal window.

Intro.	**Accessing Linux**	One time command	Everytime commands	Sometime commands
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Step-by-step

Same image.

You have now accessed the Linux VM and brought up a terminal
window.

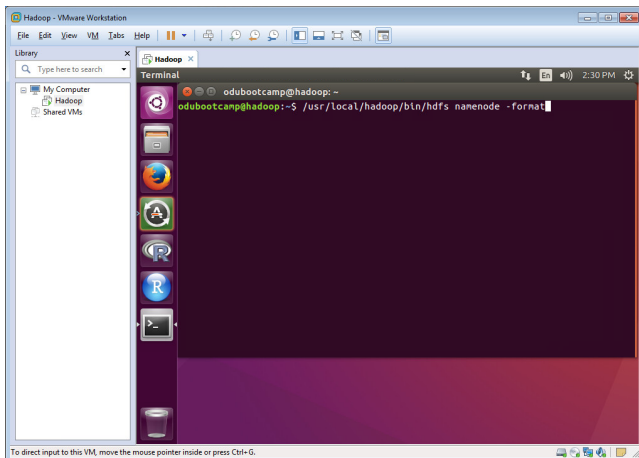## Format the Hadoop namenodes

In a terminal window; type this
command:
/usr/local/hadoop/bin/hdfs
namenode -format
and press the Enter key.

This will generate lots of output
you can ignore.

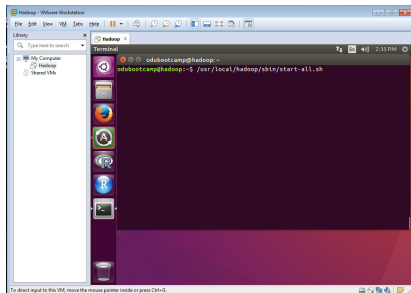Same image.

This will generate lots of output you can ignore.

Intro.   Accessing Linux   One time command   **Everytime commands**   Sometime commands
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Start and stop.

Start the Hadoop applications

In a terminal window; type this command:
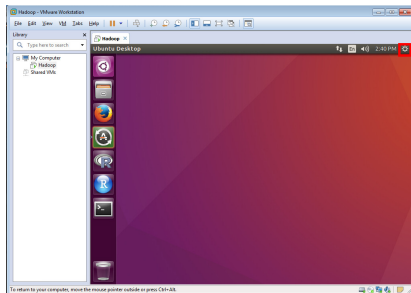/usr/local/hadoop/sbin/start-all.sh
and press the Enter key.

You will be asked for the
ODUBootcamp password 4
times.

Intro.	Accessing Linux	One time command	Everytime commands	Sometime commands

Start and stop.

Same image.

You will be asked for the ODUBootcamp password 4 times.

Stop the Linux/Ubuntu software.

Locate and press the gear button
in the upper left corner.

Press the "ShutDown…"
option, then the "Shut Down"
button.

Same image.

Press the "ShutDown…" option, then the "Shut Down" button.

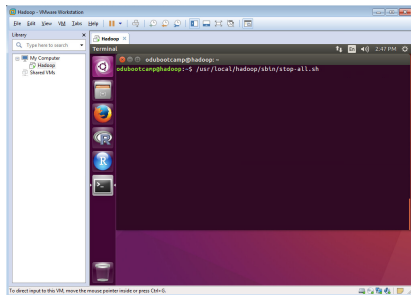## Stop the Hadoop applications

In a terminal window; type this command:
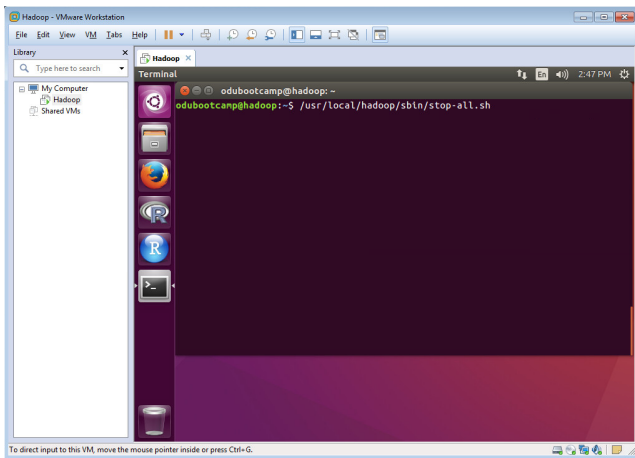/usr/local/hadoop/sbin/stop-all.sh
and press the Enter key.
You will be asked for the ODUBootcamp password 4 times.

You should stop the Hadoop applications in a controlled manner.

Same image.

You should stop the Hadoop applications in a controlled manner.