

# STSCI 5065 Pop Quiz 1

(2/12/2018)

Your Name and NetID:

1. What is Hadoop? Who named Hadoop? Name two main Hadoop distribution vendors (35 pts)

Hadoop is an open-source platform for storing and processing big data in a distributed fashion on large clusters of computers.

Hadoop was named by Doug Cutting, one of its inventors.

Any two of the following: Hortonworks, Cloudera, and MAPR.

2. What is the command to change the Linux file permission of myfile to rwxrw-rw-? (20 pts)

`chmod 766 myfile`

3. What are the two modes of vi? What is the vi mode when you first enter vi? (15 pts)

Vi has two modes of operation: the insert mode and the command mode. You are in the command mode when you first enter vi.

4. What is the command if you want to run the 50<sup>th</sup> command from the Linux history? (10 pts)

`!50`

5. If you are at your home directory in CentOS, write a single command to go to the **usr** directory, which is right below the CentOS root. (10 pts)

`cd /usr`

6. If you just opened a file of 1000 lines in vi, what is the command to go to the 500<sup>th</sup> line? (10 pts)

`500G`