

Lab 1: EC2 files

(DSCI 551, Fall 2022)

Due: September 5, 2022

Points: 10

1. Add the following two lines to the end of ~/.bashrc file

```
export JAVA_HOME=/usr/lib/jvm/java-1.8.0
export PATH=$PATH:~/hadoop-3.3.4/bin:~/hadoop-3.3.4/sbin:~/spark-3.3.0-bin-hadoop3/bin:.
```

2. Create a file under /etc/yum.repos.d called mongodb-org-6.0.repo. You can use the following command to create the file:

```
sudo nano /etc/yum.repos.d/mongodb-org-6.0.repo
```

Make sure the file has the following content:

```
[mongodb-org-6.0]
name=MongoDB Repository
baseurl=https://repo.mongodb.org/yum/amazon/2/mongodb-org/6.0/x86_64/
gpgcheck=1
enabled=1
gpgkey=https://www.mongodb.org/static/pgp/server-6.0.asc
```

3. Submit a screenshot showing the content of ~/.bashrc and /etc/yum.repos.d/mongodb-org-6.0.repo, similar to below.

Note: points will be deducted if you did not create the files or the files do not the required content (shown in red above).

```
[ec2-user@ip-172-31-22-2 ~]$ cat .bashrc
# .bashrc

# Source global definitions
if [ -f /etc/bashrc ]; then
    . /etc/bashrc
fi

# Uncomment the following line if you don't like systemctl's auto-paging feature:
# export SYSTEMD_PAGER=

# User specific aliases and functions

export JAVA_HOME=/usr/lib/jvm/java-1.8.0

export PATH=$PATH:~/hadoop-3.3.4/bin:~/hadoop-3.3.4/sbin:~/spark-3.3.0-bin-hadoop3/bin:.
[ec2-user@ip-172-31-22-2 ~]$
[ec2-user@ip-172-31-22-2 ~]$ cat /etc/yum.repos.d/mongodb-org-6.0.repo
[mongodb-org-6.0]
name=MongoDB Repository
baseurl=https://repo.mongodb.org/yum/amazon/2/mongodb-org/6.0/x86_64/
gpgcheck=1
enabled=1
gpgkey=https://www.mongodb.org/static/pgp/server-6.0.asc
[ec2-user@ip-172-31-22-2 ~]$ |
```