**Network Directory Services Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

**BASH Scripting Practice**

**Instructions**: Using what we have learned about BASH scripting, please complete the following tasks using scripts. After each completed task, please have the instructor verify.

**Task #1:** Create an informational script that displays the following information when ran:

* Name of the host or machine
* Disk space information
* Memory information
* The date the script was ran
* The user who ran the script

**Task #2**: Create user accounts for the names listed below. For each name, you will come up with a username by writing it next to the name. In your script, you will put all the usernames into an array (group), which you will loop over to create each user account.

Michael Martinson Rick Gerard

Molly Martinson Collin Bushman

Richard Fender Xavier Johnson

Sally Dulian Sarah Harshman

You will need to incorporate the following into your script to create a user:

*useradd –m –d /home/$name -s /bin/bash $name*

How might you show that all of the users were created using a single command? Write down the command used below:

**Task #3:** Create a script that creates a file (GETTING-STARTED.txt) in each created user’s directory, which contains the following text:

*Hello $THEUSER,*

*Welcome to Network Directory Services! Please be sure to follow the acceptable computer use policy and ask questions as you go.*

*Thanks,*

*$USER*

Note: The variables should be replaced with real information.

**Task #4:** Remove the users you created in the previous step. Copy the script you wrote and save it as something else. Modify it to make it work for removing users instead.

You will need to incorporate the following into your script:

*deluser $name*

How might you show that all the users were removed using a single command? Write down the command used below: