

Maxwell Fusco Lab 2 Report

Task 1:

```
[msf9542 Lab2]$ ./Lab2_Task1.sh 100
You requested 100 numbers
The smallest value generated was 349
The largest value generated was 32049
The average value generated was 15167
[msf9542 Lab2]$ ./Lab2_Task1.sh 100
You requested 100 numbers
The smallest value generated was 925
The largest value generated was 32439
The average value generated was 16170
```

1.

```
[msf9542 Lab2]$ ./Lab2_Task1.sh 500 200 500
You requested 500 numbers between 200 and 500
The smallest value generated was 200
The largest value generated was 500
The average value generated was 355
[msf9542 Lab2]$ ./Lab2_Task1.sh 500 200 500
You requested 500 numbers between 200 and 500
The smallest value generated was 200
The largest value generated was 499
The average value generated was 345
[msf9542 Lab2]$
```

2.

```
[msf9542 Lab2]$ ./Lab2_Task1.sh 1000 1000 10000
You requested 1000 numbers between 1000 and 10000
The smallest value generated was 1004
The largest value generated was 9994
The average value generated was 5058
[msf9542 Lab2]$ ./Lab2_Task1.sh 1000 1000 10000
You requested 1000 numbers between 1000 and 10000
The smallest value generated was 1003
The largest value generated was 9970
The average value generated was 5322
[msf9542 Lab2]$ █
```

3.

Task 2:

```
[msf9542 ~/repositories/NSSA220/Lab2/Task2]$sudo ./Lab2_Task1.sh
Username: pgibbons
Full Name: Peter Gibbons
Department: Software Engineering
Job Title: Programmer
Creating mailbox file: File exists
User pgibbons added!
Would you like to add another user? (y/n): n
[msf9542 ~/repositories/NSSA220/Lab2/Task2]$sudo ls -lR /home/pgibbons/ && sudo cat /home/pgibbons/Documents/welcome.txt
/home/pgibbons/:
total 0
drwxr-xr-x. 2 pgibbons pgibbons  6 Feb 20 20:03 Desktop
drwxr-xr-x. 2 pgibbons pgibbons 25 Feb 20 20:03 Documents
drwxr-xr-x. 2 pgibbons pgibbons  6 Feb 20 20:03 Downloads
drwxr-xr-x. 2 pgibbons pgibbons 24 Feb 20 20:03 Pictures

/home/pgibbons/Desktop:
total 0

/home/pgibbons/Documents:
total 4
-r--r--r--. 1 pgibbons pgibbons 224 Feb 20 20:03 welcome.txt

/home/pgibbons/Downloads:
total 0

/home/pgibbons/Pictures:
total 8
-rw-r--r--. 1 pgibbons pgibbons 7533 Feb 20 20:03 ackbar.png
Dear Peter,

Welcome to Initech Corporation! We're so happy to have you in the Software Engineering Department as a Programmer. Please don't forget to complete your TPS Reports in
a timely manner.

Sincerely,
Bill Lumbergh
```

1.

```
[mfs9542 ~/repositories/NSSA220/Lab2/Task2]$sudo ./Lab2_Task1.sh
[sudo] password for student:
Username: mwaddams
Full Name: Milton Waddams
Department: Accounting
Job Title: Swingline Operator
User mwaddams added!
Would you like to add another user? (y/n): n
[mfs9542 ~/repositories/NSSA220/Lab2/Task2]$sudo ls -lR /home/mwaddams/ && sudo cat /home/mwaddams/Documents/welcome.txt
/home/mwaddams/:
total 0
drwxr-xr-x. 2 mwaddams mwaddams  6 Feb 20 20:09 Desktop
drwxr-xr-x. 2 mwaddams mwaddams 25 Feb 20 20:09 Documents
drwxr-xr-x. 2 mwaddams mwaddams  6 Feb 20 20:09 Downloads
drwxr-xr-x. 2 mwaddams mwaddams 24 Feb 20 20:09 Pictures

/home/mwaddams/Desktop:
total 0

/home/mwaddams/Documents:
total 4
-r--r--r--. 1 mwaddams mwaddams 223 Feb 20 20:09 welcome.txt

/home/mwaddams/Downloads:
total 0

/home/mwaddams/Pictures:
total 8
-rw-r--r--. 1 mwaddams mwaddams 7533 Feb 20 20:09 ackbar.png
Dear Milton,

Welcome to Initech Corporation! We're so happy to have you in the Accounting Department as a Swingline Operator. Please don't forget to complete your TPS Reports in a
timely manner.

Sincerely,
Bill Lumbergh
[mfs9542 ~/repositories/NSSA220/Lab2/Task2]$
```

2.

```
[mfs9542 ~/repositories/NSSA220/Lab2/Task2]$sudo ./Lab2_Task1.sh
Username: tsmyskowski
Full Name: Tom Symkowski
Department: Unknown
Job Title: People Person
User tsmyskowski added!
Would you like to add another user? (y/n): n
[mfs9542 ~/repositories/NSSA220/Lab2/Task2]$sudo ls -lR /home/tsmyskowski && sudo cat /home/tsmyskowski/Documents/welcome.txt
/home/tsmyskowski:
total 0
drwxr-xr-x. 2 tsmyskowski tsmyskowski  6 Feb 20 20:12 Desktop
drwxr-xr-x. 2 tsmyskowski tsmyskowski 25 Feb 20 20:12 Documents
drwxr-xr-x. 2 tsmyskowski tsmyskowski  6 Feb 20 20:12 Downloads
drwxr-xr-x. 2 tsmyskowski tsmyskowski 24 Feb 20 20:12 Pictures

/home/tsmyskowski/Desktop:
total 0

/home/tsmyskowski/Documents:
total 4
-r--r--r--. 1 tsmyskowski tsmyskowski 211 Feb 20 20:12 welcome.txt

/home/tsmyskowski/Downloads:
total 0

/home/tsmyskowski/Pictures:
total 8
-rw-r--r--. 1 tsmyskowski tsmyskowski 7533 Feb 20 20:12 ackbar.png
Dear Tom,

Welcome to Initech Corporation! We're so happy to have you in the Unknown Department as a People Person. Please don't forget to complete your TPS Reports in a timely m
anner.

Sincerely,
Bill Lumbergh
[mfs9542 ~/repositories/NSSA220/Lab2/Task2]$
```

3.