

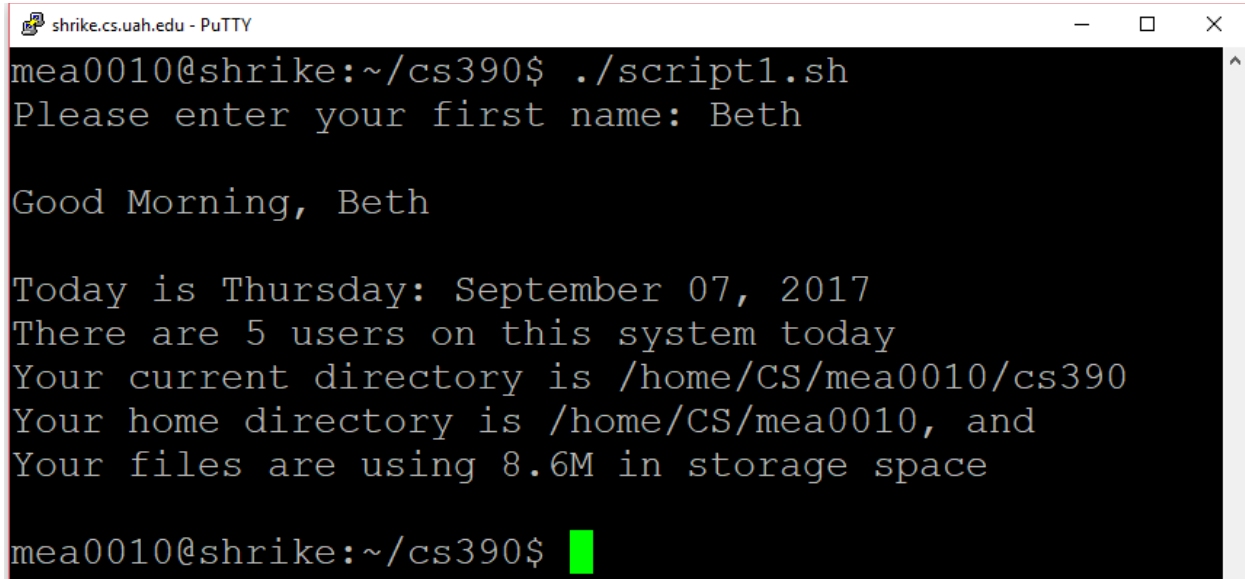
## CS390-01: Unix Programming

Due at beginning of class, Wed., September 20

## Program #1

(10 points)

For this assignment, you are to write a simple script that can run in the bash shell. This script might be something we use as a status report when we first login to the system. Below is a screenshot of 2 executions of my version of this script.

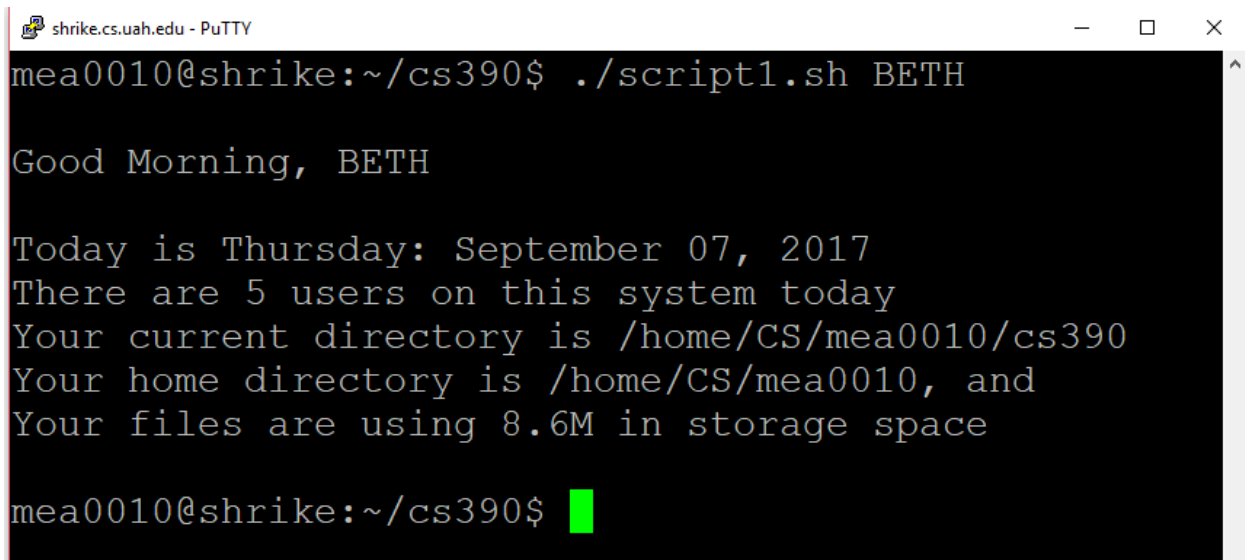


```
shrike.cs.uah.edu - PuTTY
mea0010@shrike:~/cs390$ ./script1.sh
Please enter your first name: Beth

Good Morning, Beth

Today is Thursday: September 07, 2017
There are 5 users on this system today
Your current directory is /home/CS/mea0010/cs390
Your home directory is /home/CS/mea0010, and
Your files are using 8.6M in storage space

mea0010@shrike:~/cs390$
```



```
shrike.cs.uah.edu - PuTTY
mea0010@shrike:~/cs390$ ./script1.sh BETH

Good Morning, BETH

Today is Thursday: September 07, 2017
There are 5 users on this system today
Your current directory is /home/CS/mea0010/cs390
Your home directory is /home/CS/mea0010, and
Your files are using 8.6M in storage space

mea0010@shrike:~/cs390$
```

- Notice that the script runs in two different manners. The first example, prompts the user for their name, since it wasn't passed into the script on the command line.
- The second example, the name is passed on the command line, so the script skips the prompt.
- Also, notice that Good Afternoon should reflect the time of day (i.e. Good Morning, Good Evening - Consider anything later than 5pm to be evening)

Your script should produce this same report.

#### **Other Requirements:**

- Comment your script to indicate what it does
- Use good variable names, where appropriate. Make sure you have a block of comments at the top of your program explaining its purpose. Include your name!
- Name this script file program1.sh
- When you have completed the assignment, post the .sh file to this assignment in Canvas
- Turn in a printout of your script to me in class on the due date.

#### **Additional Information:**

It is possible you may need to look up some other commands that we have not gone over in class to complete this exercise.