Complete the following activities using the skills presented in Lesson 4.

1. Create a variable named STOCK and assign it a value of AAPL

STOCK=AAPL

1. Print the value of the variable out to the screen

echo $STOCK

1. Change the value of the variable STOCK to be the previous value with \_US appended onto the end

STOCK=$STOCK"\_US"

1. Create a new variable named PRICE with value 290.84

PRICE=290.84

1. Print out to the screen a sentence âThe current price of is â where you call the [variables](https://academy.engagelms.com/mod/page/view.php?id=180285) and get their values

echo "The current price of $STOCK is $PRICE"

1. Create a variable named WHOAMI and assign it your current username. Do this in one command.

WHOAMI=$USER

1. Using just $ and () assign a variable named SERVERTYPE by using the uname command

SERVERTYPE=$(uname)

1. Write a command to show to the screen the value of running the command assigned to SERVERTYPE

echo "$SERVERTYPE"

1. Assign a variable named CMD the command uname -i (not the value of running the command but the command itself)

CMD="uname -i"

1. Using echo and the variable CMD, show how you echo the value of CMD (not execute the command)

echo $CMD

1. Using echo and the variable CMD, print what the CMD returns when run to the screen

echo `$CMD`

1. Change directory to your home directory

cd ~

1. Create a directory named scripts

mkdir scripts

1. Print out your $PATH Value

echo $PATH

1. Append your newly created script directory to your path variable

export PATH=$PATH:~/scripts/

1. Check you can see your new path appended to the end of the path variable

echo $PATH

1. If you have Algo1 still created from previous exercises, remove the directory structure and all files within it
2. cd ~

rm -rf Algo1

1. Make a directory named Payment1

mkdir Payment1

1. Within Payment1, make three directories named logs, configuration, and scripts

mkdir Payment1/logs Payment1/configuration Payment1/scripts

1. Within scripts, create an empty file named start.sh

touch Payment1/scripts/start.sh

1. Within configuration, create an empty file named instance.properties

touch Payment1/configuration/instance.properties

1. Give everyone permission to read the instance.properties file, but assign write and execute permissons only to yourself

chmod 744 Payment1/configuration/instance.properties

1. Set permissions on the file start.sh so that everyone can execute and so that the group and owner can read and write

chmod 771 Payment1/scripts/start.sh

1. Direct the output of man cat into a file in your home directory named cat.output

man cat > cat.output

1. Change the permission of that file so everyone can read it but only the group can write and execute

chmod 474 cat.output

1. Go back to your home directory

cd ~

1. Prove your location

pwd

1. Remove the directory Payment1 along with all subdirectories

rm -rf Payment1

1. Delete the cat.output file, but with a warning first to the user

rm -i cat.output

1. Create a directory named temp

mkdir temp

1. Set a variable named MYTEMP that references the new temp directory you just created

MYTEMP=~/temp

1. Run a command to see the value of the MYTEMP variable

echo $MYTEMP

1. Now set the value of $MYTEMP to nothing

MYTEMP=

1. Remove the temp directory that you created

rm -rf temp

1. Run the following command to store your results in the specified directory the trainer gave. Replace the name and date with the correct values:

History > name.YYMMDD.module4