Assignment on Linux batch file

Assumption: without specification, each task below only allow one line of command to complete the mission

**Part 1**

1. Invoke a command prompt
2. Create an user group named testG
3. Create an user named DQ
4. Add DQ in user group testG
5. Change working directory to home directory of DQ
6. Create a directory named **scripttest**
7. Switch to the directory of **scripttest**
8. Find out the execution path of command **bash**
9. Create a file named **user.csv** with following commands

cat > user.csv << \_end\_

Dayong,38

Jason,29

Knight,45

\_end\_

1. Switch to **ftp** mode
2. Open connecting to ftp.ferralogic.com
3. Use **u49084903**-**qastudent** as user name
4. User **qapassword** as password
5. Show current directory in ftp site
6. Show current directory of local machine
7. List all the files under qastudent access privilege
8. Upload a file created in step 6 above
9. Exit **ftp** mode
10. Rename **user.csv** to **user.data**

**Part 2**

Create a batch file named ftpdownload.sh for following tasks

1. Ftp download **user.csv** file to local directory

Execute the batch file

**Part 3**

Create a batch file named dataconditioning.sh for following tasks

1. Convert **user.csv** file to user.sql

Execute the batch file with **user.csv** as the first parameter and **users** as the second parameter

#!/bin/bash

# Make sure that file name is provided through command line

if [[ "$1" == "" ]]

then

echo "No files"

exit 1

else

# Make sure that file is available and readable

FILE="$1"

if [[ ! -f $FILE ]]

then

echo $FILE is not exist

exit 1

elif [[ ! -r $FILE ]]

then

echo $FILE is not readable

exit 2

fi

fi

FS=","

for line in $(cat < $FILE)

do

array=(`echo $line | tr "," "\n"`)

echo "INSERT INTO" $2 "VALUES (" ${array[0]} "," ${array[1]} ");"

done

gender="3"

if [[ "$gender" -eq "3" ]]

then

echo equals 3

else

echo this is a test

fi

myvar="3"

if [[ "$myvar" -eq "3" ]]

then

echo equals 3

else

echo not equals 3

fi