

## #Assignment 2

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#!/bin/bash
#Assignment: Shell Programming
#Class ID: SE1705
#Student ID: SE163662
#Student Name: NGUYEN TRUONG SINH
#Source File: NGUYENTRUONGSINH_HE163662_ShellProgramming.sh

while :
do
echo "===== "
echo
echo "Please choose from the following options; type the option number and hit the <Enter> key."
echo "a or A To display the current directory"
echo "b or B To list names of the files in a given directory"
echo "c or C To display today's date and time"
echo "d or D To display whether a file is a simple file or directory "
echo "e or E To execute a command line."
echo "q or Q To exit the program."
echo
echo "===== "

echo -n "Enter your choice and hit <Enter>: "
read choice
case "$choice" in
a|A)
pwd
echo -n "Hit <Enter> to continue. "
```

```
read a
echo `clear`
;;
b|B)
echo -n "Enter the directory path: "
read chon
if [ -d "${chon}" ]; then
    echo `ls -l $chon`;
else
    echo "${chon} is not a directory.";

fi
echo "Hit <Enter> to continue."
read a
echo `clear`
;;
c|C)
echo `date`
echo "Hit <Enter> to continue."
read a
echo `clear`
;;
d|D)
echo "Enter the file name: "
read kt
if [ -d "${kt}" ]; then
    echo "$kt is a directory.";
else
    if [ -f "${kt}" ]; then
```

```
    echo "${kt} is an ordinary file";
else
    echo "${kt} does not exist, or it is neither an ordinary file nor a directory.";

fi
fi
echo "Hit <Enter> to continue."
read a
echo `clear`
;;
e|E)
read -rp "Please enter a command to be executed: " cm
echo ` $cm `
echo "Hit <Enter> to continue."
read a
echo `clear`
;;
q|Q)
echo "Bye now!"
break
;;
esac
done
exit 0
```