#Assignment: Shell Programming

#Class ID: SE1705

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#Source File: NguyenXuanSon\_HE163813\_ShellProgramming

clear

echo "\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

Please choose from the following options; type the option number and hit the <Enter> key.

a or A To display the current directory

b or B To list names of the files in a given directory

c or C To display today's date and time

d or D To display whether a file is a simple file or directory

e or E To execute a command line.

q or Q To exit the program.

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*"

while true

do

read -p "

Enter your choice and hit <Enter>: " INPUT

case $INPUT in

a|A) pwd

;;

b|B) read -rp "Please enter the directory path: " DPATH

if [[ -d $DPATH ]];

then ls -g "$DPATH";

else echo "$DPATH is not a directory.";

fi

;;

c|C) date

;;

d|D) read -rp "Please enter file name: " DPATH

if [[ -f $DPATH ]];

then echo "$DPATH is an ordinary file.";

elif [[ -d $DPATH ]];

then echo "$DPATH is a directory.";

else echo "$DPATH does not exist, or it is neither an ordinary file not a directory."

fi

;;

e|E) read -rp "Please enter a command to be executed: " CMD

$CMD

;;

q|Q) echo "Bye now!"

break

;;

esac

done