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#!/bin/bash

echo "-----"
# displaying the name of current user
echo "Welcome $USER"
# assigning the current date in format dd.mm.yyyy to Date variable
Date=$(date +"%d.%m.%Y")
echo "Today is $Date"
echo "-----"
echo ""
# displaying the current directory
echo "You are in $(pwd)"
echo "Select the service you want from the list below: "
echo ""

# creating variable for selection and assigning it to 0
sel=0

# making a loop for menu
while [ $sel -ne 6 ]
do
    echo ""
    echo "1 Compare three numbers"
    echo "2 Read animals from file"
    echo "3 Feed animals"
    echo "4 Move to a directory"
    echo "5 Link a txt file"
    echo "6 Exit"
    echo ""

    # reading from the console number and assigning it to variable sel
    read -p "Make selection: " sel
    # creating 5 cases for variable sel
    case "$sel" in
        "1")
            echo "Give three numbers:"
            read n1 n2 n3
            # if n1 is greater than n2 and greater than n3
            if [ $n1 -gt $n2 ] && [ $n1 -gt $n3 ]
            then
                echo ""
                echo "Number $n1 is greater than $n2 and $n3"
            # if n2 is greater than n1 and greater than n3
            elif [ $n2 -gt $n1 ] && [ $n2 -gt $n3 ]
            then
                echo ""
                echo "Number $n2 is greater than $n1 and $n3"
            # if n3 is greater than n1 and greater than n2
            elif [ $n3 -gt $n1 ] && [ $n3 -gt $n2 ]
            then
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        echo ""
        echo "Number $n3 is greater than $n1 and $n2"
    else
        echo ""
        echo "None of the numbers $n1, $n2 and $n3 is greater than
the other two."
    fi
;;

"2")
    echo "Give a file name:"
    read file
    # for every line in given file display...
    for cats in `cat $file`
    do
        echo "Next animal is $cats"
    done
;;

"3")
    echo "Give a file name:"
    read file

    for anim in `cat $file`
    do
        # if the line starts with c
        if [[ $anim = c* ]]
        then
            echo "Next animal is $anim"
            echo "feed seeds"
        # if the line contains tiger or lion display...
        elif [ $anim = "tiger" ] || [ $anim = "lion" ]
        then
            echo "Next animal is $anim"
            echo "feed meat"
        else
            echo "Next animal is $anim"
            echo "feed hay"
        fi
    done > feeding.log
;;

"4")
    echo "Give a directory name:"
    read dir

    # if the file exists and is a directory
    if [ -d $dir ]
    then

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        # change the current directory to the given directory
        cd $dir
        echo "Your directory is now $(pwd)"
    else
        echo "Directory does not exist."
    fi
;;
"5")
    echo "Give a file name: "
    read file

    # if the file exists and is a file and if its name ends with
    ".txt"
    if [ -f $file ] && [[ $file = *.txt ]]
    then
        # create a symbolic link to the file
        ln -s $file linkToFile
    else
        echo "File does not exist."
    fi
;;
esac
done

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