Practical Work 05

Shell Script 1

Lab: Your Work (1)

1. Access to your account in remote server
   - **`ssh your_student_id@os.cammob.ovh`**
2. Go to your home directory **`~/public_html/your.full.name/lab05/`**
3. Inside **`lab05`**, create "**`scripts`**" directory:
   - **`mkdir scripts`**
4. All scripts in next labs and assignment are created inside this dir "**`scripts`**"

Lab: Your Work (2)

1. Objective:
    - Learn to write basic hello world shell script
2. Task:
    - Create a simple script: **hello.sh**
    - Prints a **greeting** and current **date/time**
    - Prints your current **user login name**
    - Make the script hello.sh **executable** permission
    - Run the script hello.sh by using **./hello.sh**

Lab: Your Work (3)

1. Objective:
    - Learn to read input from user and using variable to store value/commands
2. Task:
    - Copy your script file **hello.sh** above to **ask_name.sh**
    - Instead of read user login name from system, ask user to input
        - Add **read** to ask user for their name
        - Store the inputted value to a variable **USERNAME**
    - Read current **date/time** and store them to a variable **TODAY**
    - **Prints** both USERNAME and TODAY, same LAB 2

Lab: Your Work (4)

1. Objective:
    - Learn to use if-conditions
2. Task:
    - Copy your script file **ask_name.sh** above to **if_statement.sh**
    - Add conditions below:
        - Check **if** the user inputted is an **empty** string, then
            1. Prints a warning message "*/!\ You inputted blank name!*"
        - Check if the **user inputted** is the **same** to **user login name**, then
            1. Prints a special message "*Awesome! Your name is XXXX.*"
        - Otherwise prints result **same** to previous LAB 3
    - Print the current **date/time** at the end

Assignment W05-1

1. Access to your account in remote server
   a. **`ssh your_student_id@os.cammob.ovh`**
2. Inside directory "**`~/public_html/your.full.name/lab05/scripts/`**"
3. Create a script named "**`system_info.sh`**"
4. Write below instruction to the script file above:
   a. Display current user (**`whoami`** `or` **`$USER`**)
   b. Display current date and time (**`date`**)
   c. Display current directory (**`pwd`**)
   d. Display system uptime (**`uptime`**)
   e. Display disk usage of home (**`df -h ~`**)
5. Run the script and save the results to a file named "**`my_system_info.txt`**"

Submit Your Assignment W05-1

1. Screenshot your command lines from the terminal
2. Screenshot your shell script file from browser access to **`lab05/scripts/system_info.sh`**
3. Screenshot your result output from browser access to **`lab05/scripts/my_system_info.txt`**
4. Upload your PDF file contains those screenshot into eLearning