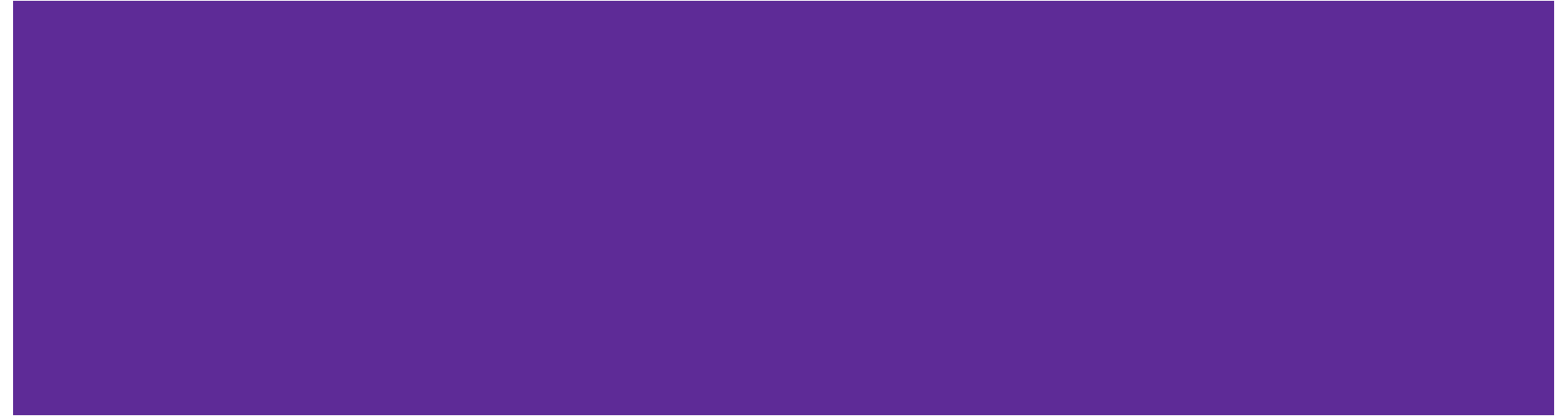


# Practical Work 05

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