I ♥ #!/bin/bash

Module 3 : Excersice

Scripts

Lets see a simple script from what we learnt so far.

☐ Create a script to just print a string

☐ Use arithmetic operators in script

☐ Use conditional logics in script

> 💡 **Why always shell script starts with #!/bin/bash ?**

> 💡 **Adding #!/bin/bash as the first line of your script, tells the OS to invoke the specified shell to execute the commands that follow in the script.**

First step to create shell script is "create a file with .sh extension"

☐ **Create a script to just print a string**

```
#!/bin/bash
echo "The desired operating system is : Linux"
```

☐ **Use conditional logics in script**

```
#!/bin/bash
echo "print storage details of machine"
echo "--------------------"
echo "df -h"
echo "--------------------"
echo "print memory details of machine"
echo "free -g"
echo "--------------------"
echo "print generic details of machine"
echo "who && uname -r"
echo "--------------------"
```

☐ **Use arithmetic operators in script**

```
#!/bin/bash
echo "My age is `expr 10 + 16`"
```

Execution

How to execute the shell script?

```
# ensure executable privilage is given to your script
chmod +x ./filename.sh

# Execute
./filename.sh
```