Bash Shell Scripting

Command Chaining Operators

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- Combining two or more commands is called command chaining.
- There are different Operators to combine commands on command line and in shell scripting.
    - Semicolon (;) Operator
    - Logical AND (&&) Operator
    - Logical OR (||) Operator

Semicolon(;)

- Syntax:
- **Command1;Command2**
- **Both commands will run independently.**
- We can club any number commands/logics using Semicolon Operators
- Ex:
    - a=6;b=5;echo "$a" ;echo "$b"

Logical AND (&&):

- Syntax:
- **Command1 && Command2**
- The Command2 will run, only if the command1 is successful.
- We can club any number of commands using AND Operator.
- Cmd1 && Cm2 && Cmd3
- Cmd3 will run only if first two commands are successful.

Logical OR(||):

- Syntax:
- **Command1 || Command2**
- The Command2 will run, only if the command1 is failed.
- We Can club any number of commands using OR operators.
- Cmd1 || Cmd2 || Cmd3
- Cmd2 will run, only if the cmd1 is failed and Cmd3 will run, only if Cmd1 and Cmd2 are failed.

Combining Multiple Operators:

- Syntax:
- **Command1 && Command2 || Command3**
- **Command1 || Command2 && Command3**

Thank you