

Introduction to Functions

- Function is a block of code
- We can re-use this block of code any number of time in scripts
- Syntax:
 - `function Name_of_the_function { command1 ; command2 ; Command_N; }`
 - Or
 - `function Name_of_the_function {
 Command1
 Command2
 .
 .
 Command_N
}`
 - Or
 - `Name_of_the_function() {command1 ; command2 ; Command_N; }`
 - Or
 - `Name_of_the_function() {
 Command1
 Command2
 .
 Command_N
}`

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Introduction to Functions...

- **Points to remember:**
 - Function is a block of code with custom name
 - We can call/re-use this block with given custom name with any number of times
 - Function is like a script / command
 - If it is a script then we can pass command line argument to a function
 - Syntax: `functionName [arguments]`
 - Arguments can be accessed using `${1}` `${2}`
 - If it is a command then we can store the output of a command into a variable
 - Syntax: `FunctionOutput=$(functionName [arguments])`
 - If it is a command then we can also find the exit status of a function using `$?`, `return` is the key to send the exit status from a function
- **Function should be defined before its calling**

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