



# Basic Operations on Strings

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Learn How to Automate Common Tasks with **Bash** Shell Scripting

# Basic Operations on Strings

- Defining a string variable
  - `x=shell / y="Shell scripting" / cmdOut=$(date)`
- Displaying the string variable value
  - `echo $x / echo ${x}`
- Finding the length of a string
  - `xLength=${#x}`
- Concatenation of strings
  - `xyResult=$x$y`
- Convert Strings into lower/upper case
  - `xU=${x^^}, yL=${y,,}`
- Replacing the part of the string using variable
  - `newY=${y/Shell/Bash Shell}` or we can also use sed command
- Slicing the string/sub-string
  - `${variable_name:start_position:length}`

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**Thank you**