

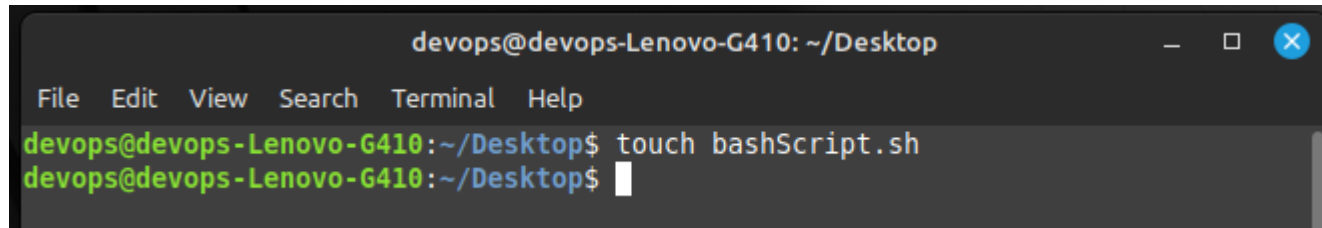
Bash Scripting

Last updated by | Shakibe Hasan | Jun 9, 2023 at 12:03 PM GMT+6

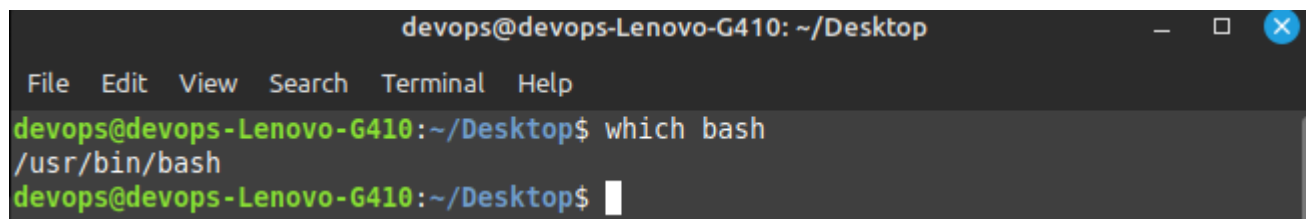
Bash script

-is a computer program written in the Bash programming language.

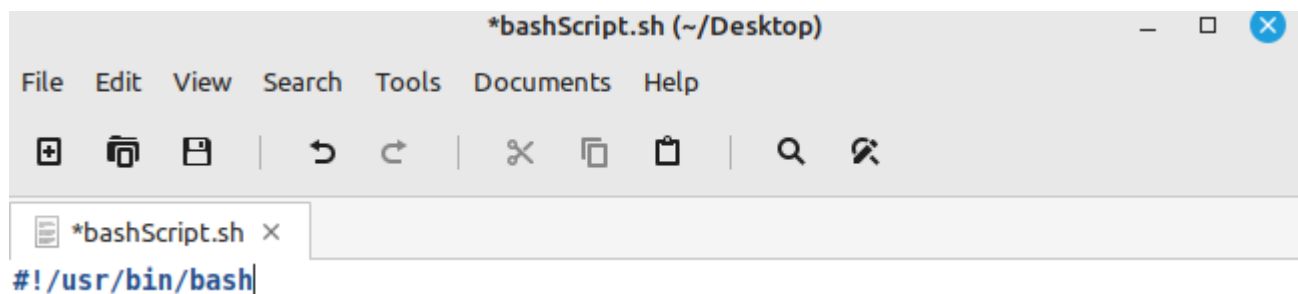
How to Create and Run Bash Script



```
devops@devops-Lenovo-G410: ~/Desktop
File Edit View Search Terminal Help
devops@devops-Lenovo-G410:~/Desktop$ touch bashScript.sh
devops@devops-Lenovo-G410:~/Desktop$
```



```
devops@devops-Lenovo-G410: ~/Desktop
File Edit View Search Terminal Help
devops@devops-Lenovo-G410:~/Desktop$ which bash
/usr/bin/bash
devops@devops-Lenovo-G410:~/Desktop$
```



```
*bashScript.sh (~/Desktop)
File Edit View Search Tools Documents Help
+ [Icons]
*bashScript.sh x
#!/usr/bin/bash
```

Basic Bash commands (echo, read, etc.)

- cd: Change the directory to a different location.
- ls: List the contents of the current directory.
- mkdir: Create a new directory.
- touch: Create a new file.
- rm: Remove a file or directory.
- cp: Copy a file or directory.
- mv: Move or rename a file or directory.
- echo: Print text to the terminal.
- cat: Concatenate and print the contents of a file.
- grep: Search for a pattern in a file.
- chmod: Change the permissions of a file or directory.

- sudo: Run a command with administrative privileges.
- df: Display the amount of disk space available.
- history: Show a list of previously executed commands.
- ps: Display information about running processes.
- Ref:
[javatpoint.com](https://www.javatpoint.com)
<https://www.freecodecamp.org/news/bash-scripting-tutorial-linux-shell-script-and-command-line-for-beginners/#:~:text=A bash script is a,process using the command line> .