[**https://www.youtube.com/watch?v=-GNxBGja9xw&list=PLS1QulWo1RIb9WVQGJ\_vh-RQusbZgO\_As&index=20**](https://www.youtube.com/watch?v=-GNxBGja9xw&list=PLS1QulWo1RIb9WVQGJ_vh-RQusbZgO_As&index=20)

**Notes:**

* Scripting is a very deep concept but we will go over the basics today
* A script is a text file that contains a sequence of commands for linux based operating systems
* Create a script saying nano myscript.sh (the .sh extension is optional but a good practice)
* The first line should be a hashback #!. But before that we need to locate bash
* To locate bash, say which bash. It will show the address of bash
* After the hashback write the location of bash: #!/bin/bash
* Let’s create some commands:  
  ls -l
* Then save the file.
* In order to execute, you need to call the script by saying ./nameofscript
* BUT you do need to add execute permission otherwise you’ll get a permissions denied error
* To add permissions, say chmod +x nameofscript.sh
* Afterwards you can run the script, which will execute the command lines inside the script
* Let’s add more lines since you can run a sequence of commands:  
  ls -l  
  echo “Hello World”
* Then run it. Afterwards lets create some variables:  
  ls  
  STRING=”Hello World”  
  echo $STRING
* Then execute the script