Introduction | Shell Scripting

This is a multipart blog article series where I am going to explain the concepts of shell scripting and how to write a shell script in Linux, UNIX or Mac based systems. You can also follow this tutorial blog using windows but for that you have to install a bash from.

This article is introduction article of this series so we will not do fancy stuff here, just basic.

1. To see how many shell are present in your system just type “cat /etc/shells” in the terminal.

After this command you will see the list of different shells present in your system, it depends from system to system.

We are going to use “Bash” for this tutorial but you can follow by using any shell of your choice.

1. Next command I want to show you is “which <shell\_name>”

By this command you will see the directory where your bash is installed/ present.

1. Now, to write a shell script we need a file of “.sh” extension. We can create this file using this command “touch <file\_name.sh>”

Remember one thing when you create a file using “touch” command by default it does not have execute permission, which means that you can only read and write in that file.

To give it the execution permission just type is command in the terminal “chmod “+x” <file\_name>”.

1. Now open the file in your favorite editor and type “echo “Hello World””

And then go in terminal and type “./<file\_name.sh>”

You will see an output “Hello World” in the terminal.

Congrats you successfully write a hello world program in shell.

This was all about the introduction of shell scripting. Hope you liked it and learned something new from it.

If you have any doubt, question, queries related to this topic or just want to share something with me then please feel free to contact me.