shell scripting ?

Manual -> Automation

shell scripting is used to do automate the day-to-day v task in system eg. Linux sy stem. For example, to create multiple files.

- > touch [filename]
 To create file
- To list files and folders in current directory.

a resid waterly

- It will show more info. about files / folders.
- > man [command-name]
 To show about manual of command.
 eg.> man 1s
 > man touch

Bydefault any Linux system already have these basics commands.

> vi Efilename]

To open file for writing like notepad in window If file not created then it will automatedly created.

> vi fi-2st-shell-script.sh

#!/bin/bash

ksh

dash

we need to m

shell script, th

we need to mention about in shell script, this is the executable that we will used to execute shell script.

- one of the widely used is bash shell.
- > There are some slightly & syntactical difference between all of them.
 - Previously both were same. If we used #!/bin/sh then system automatically link with bash shell with linking concept.

But now a days, some of the os used dash as default shell. so if we used #/1bin/sh then it will link to dash shell.

BASH SHELL SCRIPTING

#11bin/bash -> she bang.

echo "my name is sawrabh"

Li To print something on console.

- To print the content of the file.

 To execute script we need to give permission

 for this chmod command is used.
 - > chmod 777 first-shell-script.sh
 - 7 sh first-shell-script. sh } to run shell 7. I first-shell-script. sh

Chmod

T T

Owner Tother

Group

Read - 4

Write - 2

Execute - 1

for example,

> chmod 444 [filename]
to give read power only

> history

To know the previously run commands.

Dud stores t

calduroxa eog

gued gu it

Poleson snell acception

190 HUGHER GAR

> clear

to clear the console.

7 PWd

To know the present working directory.

> mxdiz [foldername]

To, dizectoz/folder. czeate

> cd [Foldername]

To go that particular folder.

> cd ...

To go one backward.

ed stands for change directory.

It is good practice to write comments in shell script to know more about script.

># comments
To white comments.

simple shell script.

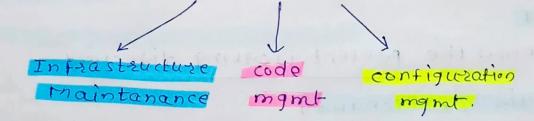
#11bin/bash

create a folder
mkdir saurabh

czeate two files

touch firstfile secondfile.

Role of shell scripting in devops



For example,

If we have 1000's vm and want to track/

monitory usage of cpu, RAM, storage then

we can use shell scripting.

7 0 p20c

to know about cpu

> 1200

TO know about RAM.

> top

To know about all processes with usage of cpu, RAM, etc