PROCESS MANAGEMENT AND

USER MANAGEMENT

1) What is Linux process management and Explain Balic commands?

The process is a program of Execution.

The process is wasted when a command is to be executed so, it can be called a seworing enstance of a program on execution. Tuning or contrology a process is called process warrangement.

Any process can be run in a ways.

- Poreground process: By default, All process run an foreground.

 when a process run an foreground, no other process can

 be run on same terminal until process as fertished or

 theled. when assuring this type of process, system

 receves another from the keyboard (station) & green

 output to the scelen (station).
- Balleground process: Adding '8' to a foreground command reakes It a lawground process. A B. P seems on Its own withhout gropest from key board (Stelin) and wealth for gropest from keyboard where the process runs in Background, other process can sun in Foreground.

only after the Buckground process becomes a foreground process, the process gets computed else of while on stop state.

The Basic commands and for process management

- © process viate (PS): desplays an process en Execution.

 * do lest au process en background wiling eps f'
- and to know mon ent on process we 'ps -ef'.
- @ kell: und to process whose pro is known.
 To kill a process forcefully and unconditionally
 use 'kill -9 PID'.
- (3) bg: A Job control command that verumes

 Suspends gotos while keeping them sunning

 on the Background.
- (4) fg: It confinues a stopped gob by running
- B) top: Another command that Choux all the process sunning in linux working Enveronment.

Anso Them are 5 types of process in linux:

1) Pavent process:

the process cuested by the number flumenal.

All process have a pawnot process, if it awas

curated abreety by nume theo the pawnot process

will be bernel processes.

- D chard process: The process cueated by another process (by 945 pawnt process). All child processes bake a pawnt process.
- 3 orphan process: sometimes when paunt gets executed before 945 own child process other the child process.
- E tomble process: The processes which are already dead but shows up in process status is called tomble process. It have a consumption.
- Daemon process: These are Gystem related processess that run on background. It has recognized has "?"

 In It IT! feeld.
- 3) Explosin una management en Lanux?

 des: the Important commands und to manage

 unus en lenur aue:
 - of the authority all the uses an Linux, and the authority, with -f option.
 - (3) Ustrog 9d command, you can get ID of any UKUNAME.

 Runny www has Id angened to it and were
 is Edens Afted with the thelp of the Ed. By default,

 Aber 9d is also group 9d of where.

9d turname ex: 9d test The command to add a www. www. www. ammand add a new www do the derectory. wername of user will be provided by us an command.

sudo usuadd uwrame

(4) Using passed command to assign a passessed to a user.

partured ununance

- command to change were so for a were.

 whis command can change were so y were.
 - © command to modify group 10 of use.

 when your groud it charge group 20 of user.
 - 9 you can charge well dogen name wing unumed command.

 8udo usumod -1 rew_log9n_name old_login_name
 - The command deliter whose wurname is provided. Make sume who is not in group, if there is part of group cannot be delited offeetly, we need to wirnows from group and other we can delite.