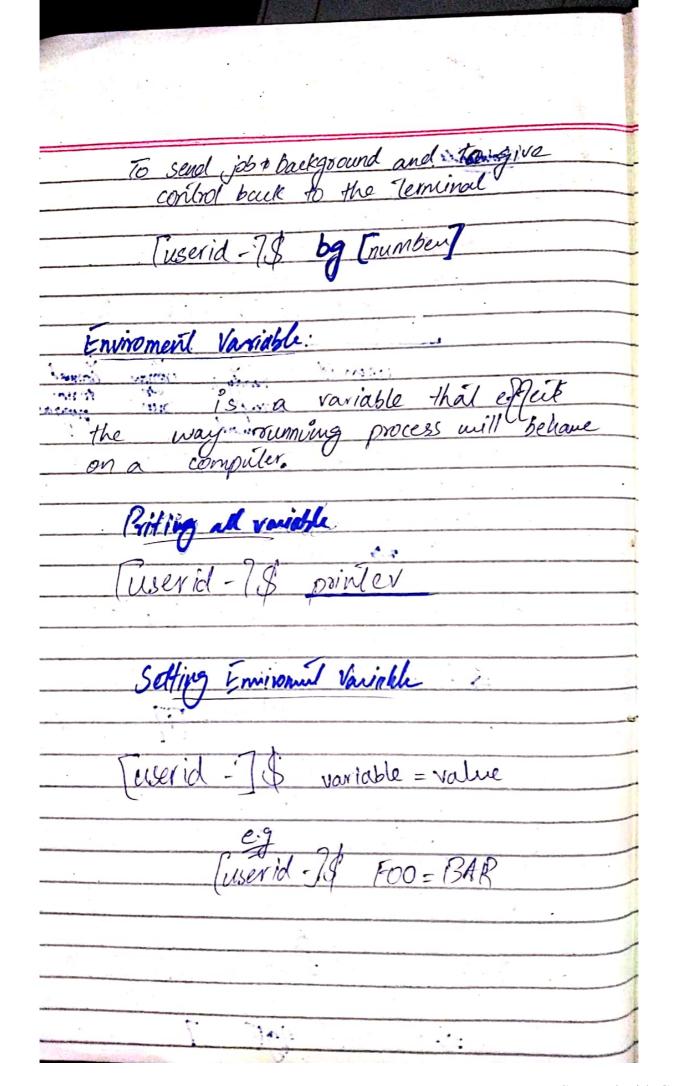
S&NA
DATON
Ciden Administration -
System Administratore
is a person responsible gor the
19 a person sesponsine 701 the
condiguation, management and
configuration, management and reliable operations of computer - gystem, especially milliousers computers such as servers.
System especially much asors
Corregues sun as serve-
System administration refers: 200: 13 to the management of one or more hardwence and software
to the management of one or
more hardwence and software
Systems.
V.
Components of SA
0
=> Installing and Config servens.
=> Maintaing Servers and Servers based authorities
=> Trobule shelling somers related problems
=> Work as a support and
=> somes issues related to user, aplications
=7 Project managenut delice soil
=> System Monitoring
=> Back up le recovery
=> Manage Access Control

	ALA SZ
Command Lin	0
CONTRACT	
SHELL:	
Shell	is a UNIX Term, It is
a progra	m that allows user to
interact	m that allows user to and give commands to
the OS.	d 10001000
SIELL	a command language That executes commands.
merpreu	mai executes comments.
4 BASH	
Stands Do Bourn	re Again SHELL.
- viacos you	The state of the s
BASH is a lin	ix Shell that runs programs
in a comm	rand line interpolater.
BASH has many	and live interpoder. nowin commands and consists of puiltin commands
combinations	Depuill-in commands
•	O
7 has abili	the programs that
and to contro	the programs that
ore launche	d by d.
1	
JOB Control:	
When a	job is slaviled, it has
cakes over the	terminal.
can issues	motoret codes.
Once the prog	Fram is down H -1 - 2 "
control back to	BASH.
1 per 4 - 10	

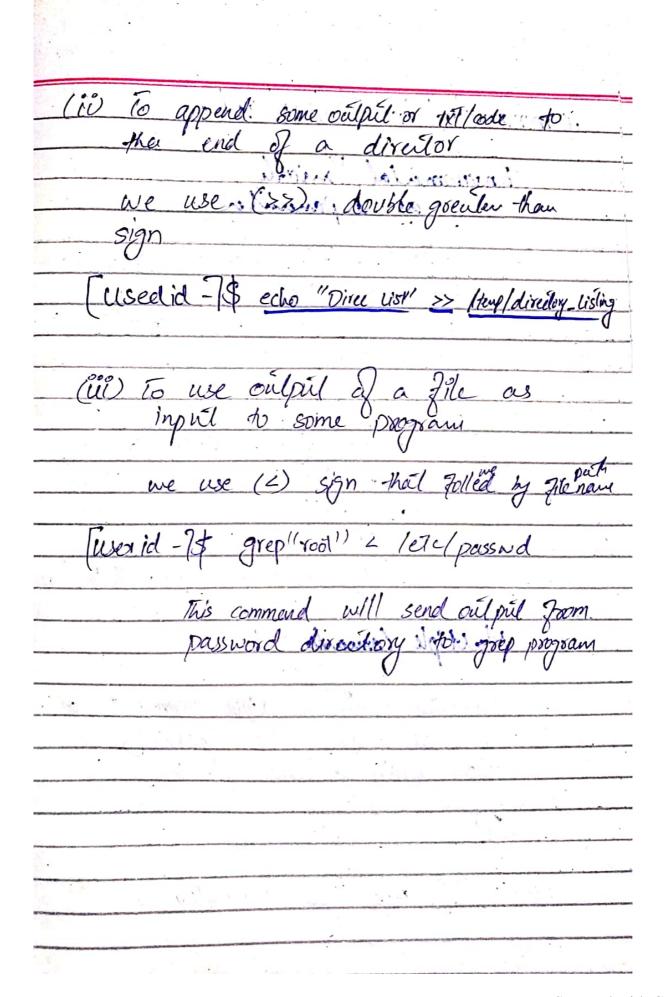
Consider a user young logged into the system
Consider a user yang logged into the system
Consider a user yang logged into the suctem
into the sistem
into the sictem
=> wants to lawnth firefox
commend
Mycing @ Server - 7\$ 7,8 eJox &
المناه ال
user id ready to propon come
accupt our program
2> to other 11 3 and 1
control viluned to the Bersh
Simply press aline: 10 mills
=> Ctrl + Z
=> to identify no of jobs running
=> [used id] is jobs
Tought TT, Runing graforle
(code the kenning trajects)
The output shows.
job name (Zivefox)
job number (P17)
job name (Zivefox) job number (P17) Job 15 in 2 states either numing or stopped
either numing or slopped
2nve
=> To bring job to background in give it back
the control of terminal
=> To bring job to background i.e give it back the control of lerminal => Suser ect of 99 Frumber 7



=> To export variable on without
program
userid-75 export Foo
E.V
=> We can use combination is
commails Utre
[uswid-7] export FOO= "You are Welone"}
=> To print value of E.V
True and 7 of 12 =
Lusened-7\$ printer 1-00.
=> 10 unseil E.V
Tuserid -7\$ unset (variable nove)
(variable nove)
unset FOO
Tines
Pipes one made through which I. 8
Pipes ane mech through which output 2 one program can be said on input of other program.
ord program can be said our
influt of our profound.
The vential bon (1) reps pipes:
In Linux: command in kinux pipes executed concurily
In windues: commarels runs in order and sullermediate
In windows: commarels runs in order and intermediate result in stored lites.

Redirection is the mechanism Redirection is the mechanism Redirection is the mechanism A gaking without & a program and have it automatically send in a Fite.
Redirection is the meeting and
of taking central of the live send
have a automatitud
to a file.
3 classes
es output to de gree
2 classes 2 outpil to a file 2 append to a file 2 send to a file 2 send to a file as I/P
Ly send 40 a file tes 11
is well of a more you to a like
is to collect outpil of a program to a file
10 in (>) aren Ten thom symbol to
ve use (>) greaten than symbol to send ailpul to a file
Soul augus v
lusarid 78 LS > Kempldireiter-listing
(0) (0) (0)
output of command. File in which ofp
program is to be sent
program 15 70 de sent

20 m 20 m 3 m 3 m 3 m 3 m 3 m 3 m 3 m 3 m 3 m
The state of the s



Environmental Vandable as a panemble BASH allows to use E.V as panemble we use \$ befor E.V while passing it as a parmaleu to
as a panemen
as a panemen
De 11 1 EV as parent
We use \$ befor E.V while passing it as a parmælen to
passing it as a parmeleu to
passing it as a promise
a program
passing E.V FOO bus a
paramete
aul curite
SFOU.
so the value of FOO will be pas
Martiple Commends
We can write multiple command on
them with a semicolor(;)
wewid -7\$ Foo = "100"; printer FOO

