Vidyalankar Polytechnic	DEPARTMENT OF COMPUTER ENGINEERING

Subject: Operating Systems	**Subject Code**: 22516
Semester: 5th Semester	**Course:** Computer Engineering
Laboratory No: LOO1C	**Name of Subject Teacher**: Vijay T. Patil
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Experiment No:	03
Title of Experiment	Work with multiple Linux terminals and basic commands.

X. PROGRAM CODE:

- List down all options for who commands and write its description
  ANSWER:

Commands	Syntax	Description
who	$who	It is used to display who are the users connected to our computer currently
who am i	$who am i	Display the details of the current working directory
login	login: $username	Prompt, enter username
passwd	$passwd uname	Sets password for users
su(sudo)	$su Is	Provides super user privileges
pwd(Present Working Dir)	$pwd	To print the complete path of the current working directory

XI. RESULT (OUTPUT OF COMMAND):

1. who
2. who am i
3. login
4. passwd
5. su (sudo)

```
[root@localhost ~]# $su ls
bench.py  hello.c
```

6. pwd

XII. PRACTICAL RELATED QUESTIONS:

1. Give command for present working directory

   ANSWER: $pwd is the command to print the present working directory in Linux.

2. State currently logged in users by command

   ANSWER: $who command will list the currently logged-in users on a Linux system. It provides information such as the username, terminal, login time, and often the remote host (if applicable).

3. Acquire the status of super user

   ANSWER: By using the `su` command followed by the root password.

```
[root@localhost ~]# $su ls
bench.py  hello.c
```

XIII. EXCERSISE:

1. Acquire the status of super user
   ANSWER: By using the `su` command followed by the root password.

```
[root@localhost ~]# $su ls
bench.py  hello.c
```

2. Write output of the following commands:

   i. $who;clear;who am i

```
[root@localhost ~]#
```

ii. $who;tty;date

```
[root@localhost ~]# $who;tty;date
/dev/hvc0
Tue Aug  6 11:05:52 AM UTC 2024
[root@localhost ~]#
```