Linux Administration Assignment 1

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1 Assignment Answers

1.1 Install Ubuntu(22/24) or RHEL

```
# 1 & 2. What is the command that will show all system info?
~ > uname -a
Linux EndeavourOS 6.12.8-arch1-1 #1 SMP PREEMPT_DYNAMIC Thu, 02 Jan 2025
  ↪ 22:52:26 +0000 x86_64 GNU/Linux


# 3. What is the command that will print current timestamp?
~ > date
Sun Jan 12 01:02:41 PM EET 2025


# 4. What is the command that will print calendar of December 2001?
~ > cal 12 2001
    December 2001
Su Mo Tu We Th Fr Sa
                   1
 2  3  4  5  6  7  8
 9 10 11 12 13 14 15
16 17 18 19 20 21 22
23 24 25 26 27 28 29
30 31


# 5. What is the command that will print current date in format "m/d/y"
~ > date +'%m/%d/%Y'
01/12/2025


# 6. What the command to get the full month name?
~ > date +%B
January


```

```
33  # 7. What is the command that will create file with your name at current
    ↪  directory?
34  ~ > touch Mohamed
35
36
37  # 8. What is the command that will print "hello world" at screen?
38  ~ > echo "hello world"
39  hello world
40
41
42  # 10. List all visible and non-visible files and directories in your home
43  ~ > ls -a
44
45
46  # 11.View the first 5 lines in /etc/passwd file
47  ~ > head -n 5 /etc/passwd
48
49
50  # 12.List the last 4 lines in /etc/passwd file
51  ~ > tail -n 5 /etc/passwd
52
53
54  # 13.List all files and directories starts with d in your home directory
55  ~ > ls | grep ^d
56  data
57
58
59  # 14.List file and directories in long details
60  ~ > ls -al
```

What is the difference between cat and more command?

`cat` Command displays the whole file at once, while `more` command displays the file page by page.