**Q1.** Provide screenshots of the screen after each command:

|  |  |
| --- | --- |
| **[1]** $ ls |  |
| **[2]** $ pwd |  |
| **[3]** $ xy |  |
| **[4]** cd .. |  |
| **[5]** $ pwd |  |
| **[6]** $ cd |  |
| **[7]** $ pwd |  |
| **[8]** $ cd /usr/local |  |
| **[9]** $ ls |  |
| **[10]** $ cd |  |

**Q2.** Description of the manual page:

|  |  |  |
| --- | --- | --- |
| **#** | cat | concatenate files and print on the standard output, with no file or file is -, read standard output |
| **1** | more | display the contents of a file in a terminal |
| **2** | cp | copy files and directories |
| **3** | mv | move (rename) files |
| **4** | rm | remove each specified file, not directories by default |
| **5** | ls | list information about the files (current directory by default) alphabetically unless specified |
| **6** | mkdir | make directories if they do not already exist |
| **7** | cd | no manual entry for cd |
| **8** | pwd | print full filename of current working directory |
| **9** | rmdir | remove empty directories |
| **10** | whoami | print user names associated with current effective user ID |

**Q3.** Create a text file named “manual\_mkdir” of the contents of the man page for the command mkdir:



**Q4.** Create 5 command aliases for any 5 commands:

|  |  |
| --- | --- |
| alias dir pwd  alias la ls-la  alias admin sudo command  alias open nano  alias py python3 |  |

**Q5.** cal commands:

|  |  |
| --- | --- |
| 1. Display the calendar:   cal 4  cal 52  cal 1752  cal 1952  cal 2004  cal 2005 | 1. The command works fine for both leap and non-leap years because the command perfectly shows that leap years’ February has 29 days while non-leap years do not. |

1. This [URL](https://www.timeanddate.com/calendar/julian-gregorian-switch.html) (with 27 million results on Google) explains that before the Gregorian calendar, the Julian calendar was used but it did not correctly reflect the actual time it takes the Earth to circle once around the Sun (the tropical year). To sync the calendar with astronomical seasons, it was necessary to drop 11 days when the Gregorian calendar was adopted. There were only 355 days in 1752.

**Q6.** Display information about computer system:

|  |  |  |
| --- | --- | --- |
| $ uname |  | 1. The name of my operating system is Linux. |
| $ uname -n |  | 1. The domain name of my computer system is cis-lclient12. |
| $ uname -p |  | 1. CPU in my computer system is x86\_64. |

**Q7.** Display the names of users currently using my UNIX system:

1. There is only 1 user currently using my UNIX system. 

**Q8.** What shells are installed:

|  |  |
| --- | --- |
| $ bash | Bourne Again Shell |
| $ tcsh | Enhanced C Shell |