# Written Assignment#2

**Instructions:**

1. Please write your name and roll clearly.
2. Write questions along with question numbers.
3. Hand written assignment will be given more marks than printed.
4. A reference link is given with some questions to take support.
5. Answer is normally present in given link but careful reading is required.
6. Total marks of this assignment are 20. Each question carries 4 marks.

# Question#1: [4 marks]

What are different modes of reading and writing files in Linux?

Link used: “https://[www.freecodecamp.org/news/file-handling-in-c-how-to-open-close-](http://www.freecodecamp.org/news/file-handling-in-c-how-to-open-close-) and-write-to-files/”

# Question#2: [4 marks]

Why is Sudo command useful?

Link used: “https://[www.javatpoint.com/linux-su-commands”](http://www.javatpoint.com/linux-su-commands)

# Question#3: [4 marks]

What are different levels of permission in Linux?

Linke used:” [https://helpdeskgeek.com/linux-tips/understanding-linux-permissions-](https://helpdeskgeek.com/linux-tips/understanding-linux-permissions-chmod-usage/#%3A~%3Atext%3DThere%20are%20three%20levels%20of%2Cowner%20or%20in%20the%20group) [chmod-](https://helpdeskgeek.com/linux-tips/understanding-linux-permissions-chmod-usage/#%3A~%3Atext%3DThere%20are%20three%20levels%20of%2Cowner%20or%20in%20the%20group) [usage/#:~:text=There%20are%20three%20levels%20of,owner%20or%20in%20the%20gr](https://helpdeskgeek.com/linux-tips/understanding-linux-permissions-chmod-usage/#%3A~%3Atext%3DThere%20are%20three%20levels%20of%2Cowner%20or%20in%20the%20group) [oup](https://helpdeskgeek.com/linux-tips/understanding-linux-permissions-chmod-usage/#%3A~%3Atext%3DThere%20are%20three%20levels%20of%2Cowner%20or%20in%20the%20group).”

# Question#4: [4 marks]

Explain what -rwx-rwx-rwx in Linux permissions?

Link used: [https://helpdeskgeek.com/linux-tips/understanding-linux-permissions-](https://helpdeskgeek.com/linux-tips/understanding-linux-permissions-chmod-usage/#%3A~%3Atext%3DThere%20are%20three%20levels%20of%2Cowner%20or%20in%20the%20group) [chmod-](https://helpdeskgeek.com/linux-tips/understanding-linux-permissions-chmod-usage/#%3A~%3Atext%3DThere%20are%20three%20levels%20of%2Cowner%20or%20in%20the%20group) [usage/#:~:text=There%20are%20three%20levels%20of,owner%20or%20in%20the%20gr](https://helpdeskgeek.com/linux-tips/understanding-linux-permissions-chmod-usage/#%3A~%3Atext%3DThere%20are%20three%20levels%20of%2Cowner%20or%20in%20the%20group) [oup.](https://helpdeskgeek.com/linux-tips/understanding-linux-permissions-chmod-usage/#%3A~%3Atext%3DThere%20are%20three%20levels%20of%2Cowner%20or%20in%20the%20group)

# Question#5: [4 marks]

What are two levels of Linux authorization?

Link used:” https://[www.atlantic.net/vps-hosting/file-permissions-in-linux-with-](http://www.atlantic.net/vps-hosting/file-permissions-in-linux-with-)

example/”