Graphical user interface, text, application, email

Description automatically generated

Figure 1. 2GB disk (Yanzhang Wu)

Questions:

* Record the (one-character) **fdisk** command to:( in Red) (6 mark)
  + Display/print all partitions: \_p\_\_\_
  + create (add ) a new partition:  \_n\_\_
  + delete a partition: \_\_d\_\_
  + change partition types: \_\_t\_\_
  + save changes made to the partition table: \_w\_\_
  + exit fdisk without saving: \_\_q\_

Questions:

How many Devices (partitions) do you see in the /dev/**sda** partition? 4

What is device name 1: Linux filesystem

What is the size of device 1 in GB? 18.6GB

What is device name 2: Linux swap

What is the size of device 2 in GB? 1.9GB

Text

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Figure 2. Partitions (Yanzhang Wu)

A picture containing text

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Figure 3. All partitions (Yanzhang Wu)

Graphical user interface

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Figure 4. Changing partition (Yanzhang Wu)

**5 Questions to test your understanding (in Red)** ( 5 mark)

|  |  |
| --- | --- |
| List all the **primary** partitions on the 2GB drive | **/dev/sdb1**  **/dev/sdb2** |
| List the **extended** partition on the 2GB drive | **/dev/sdb3** |
| List all **logical** drives on the 2GB drive | **/dev/sdb5**  **/dev/sdb6**  **/dev/sdb7** |
| Can you create additional **primary** partitions on the 2 Gb drive? | Yes, or No, and Why?  Yes. Primary partition + extended partition =1.705 GB < 2 GB drive |
| Can you create an additional **logical** 100 MB on the 2 Gb drive? | Yes or No and why?  No. logical partition is 1000MB while the extended partition is 1005MB. Only 5MB left and there is no 100MB space |

Graphical user interface

Description automatically generated with medium confidence

Figure 5. Deleting partition (Yanzhang Wu)

Graphical user interface, text, application

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Figure 6. sudo password renewed (Yanzhang Wu)

A picture containing timeline

Description automatically generated

Figure 7. Tree command (Yanzhang Wu)