**1. (Sarapyn)**

Udev: This is a dynamic device management system that is responsible for detecting new devices, configuring them, and creating the appropriate files in /dev. When the flash drive is connected, Udev creates a file through which the system can access it. As far as I understand, the printer has a similar connection mechanism.

Mounting is joining the file system of a specific device, such as USB, to a specific location in the directory tree of the operating system, which is called a mount point.

In Windows, flash drives and other media are usually mounted automatically when connected, and the system shows them in "This computer". In Linux, many distributions also support automatic mounting, but manual mounting through the terminal is quite often required.

**2.(Koshkin I.)**

* **Підключення флешки та принтера до віртуальної машини**
* First, connect the flash drive and printer to your physical computer. Then, in the settings of the virtual machine running on VMware, add these devices to the list of available USB devices.
* After you start the virtual machine with Linux, the flash drive will be mounted automatically.
* The printer will also be connected. In the Linux system settings, go to **Settings > Printers** and add a printer to work with it.
* **Копіювання файлу з флешки через графічний інтерфейс**
* After connecting the flash drive, open the Linux file manager and find the mounted partition of the flash drive. Select the desired file on the flash drive, right-click and copy it to the appropriate folder on the virtual machine, for example, Downloads.
* **Друк файлу через графічний інтерфейс**
* Next, open the copied file in a text editor.
* In the menu, choose **File > Print**, select the connected printer, and click Print to print the file.
* **Копіювання файлу через термінал**
* In the terminal, check the location of the flash drive using the **lsblk or df -h** command.
* Use the cp command to copy another file from the flash drive to a folder on your hard disk: **cp/media/username/flesh1/Photos /home/username/Downloads/**
* **Друк файлу через термінал**
* After setting up the printer, use the lp command to send a file to print: **lp /home/username/Downloads/Photo**

**Висновки: (Kochubei S. 9v)**

In this task, we learned how to work with a USB flash drive and a printer in Linux. First, we connected a USB drive, manually mounted it, and copied a file to the virtual machine using the graphical interface. We then connected a printer and printed the file, gaining experience with Linux's manual approach to device setup, unlike Windows’ automatic setup.

We repeated these actions in the terminal, using cp to copy the file and lp to print it. This exercise helped us understand Linux’s flexibility, allowing file and device management through both GUI and command-line methods. Overall, we learned how Linux handles peripherals with more control, though sometimes requiring extra steps.