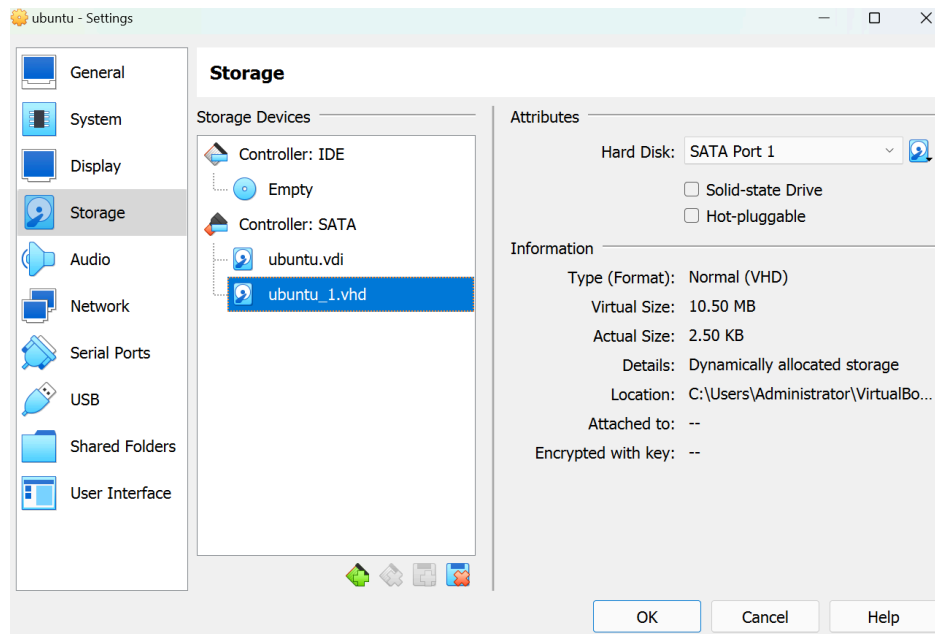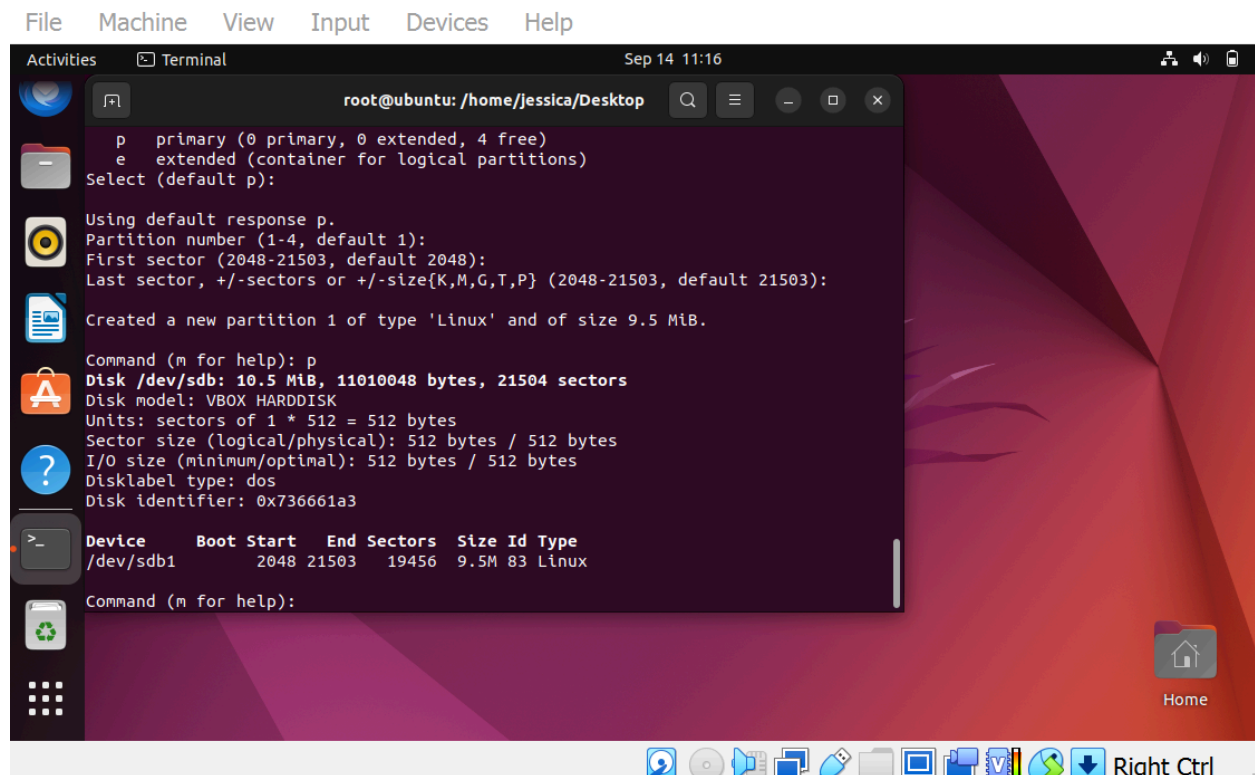**Task 1: Prepare Target Drive in Linux**
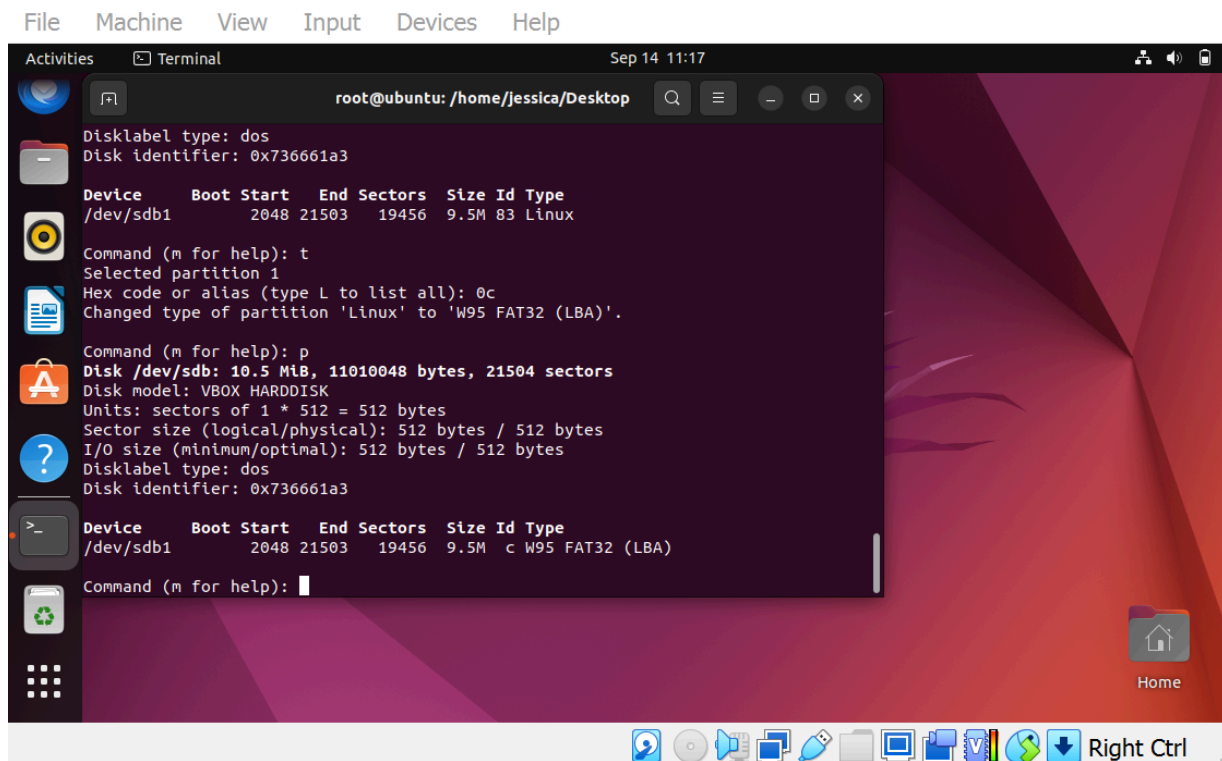
Step 1: Create VHD

In this step, I successfully create a new VHD in my ubuntu virtual machine settings.
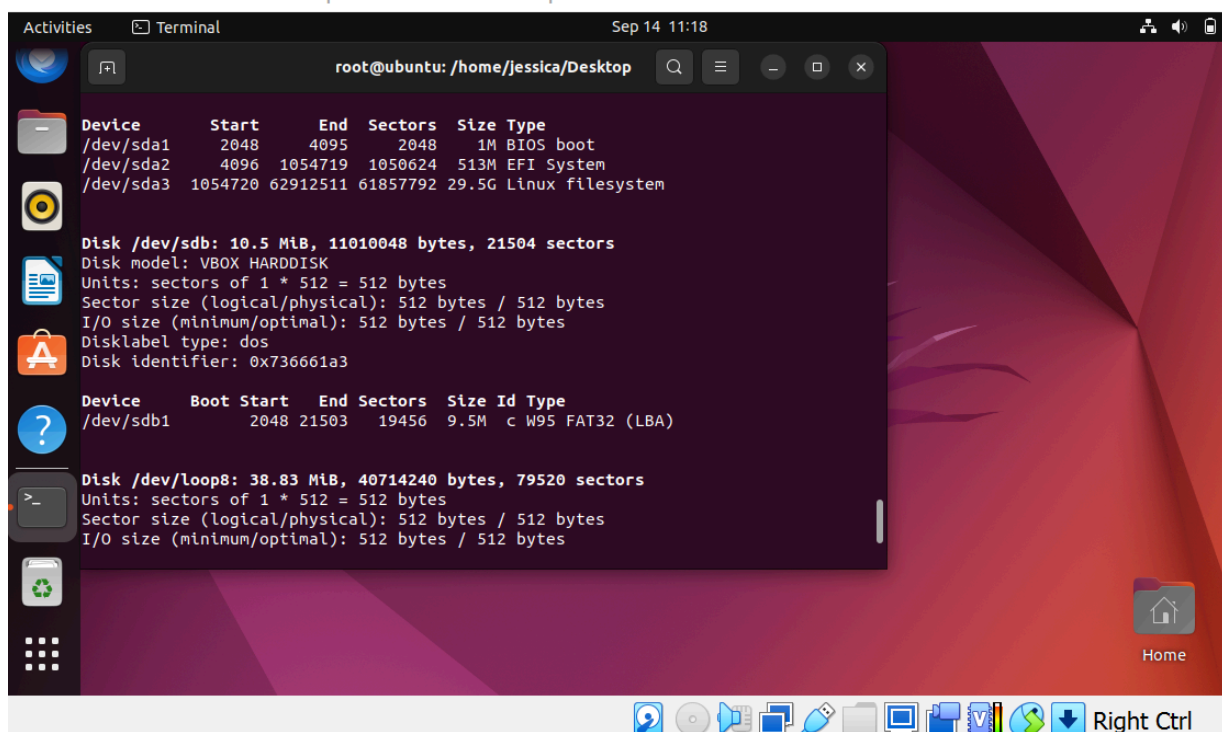
Step 2: Prepare the Drive

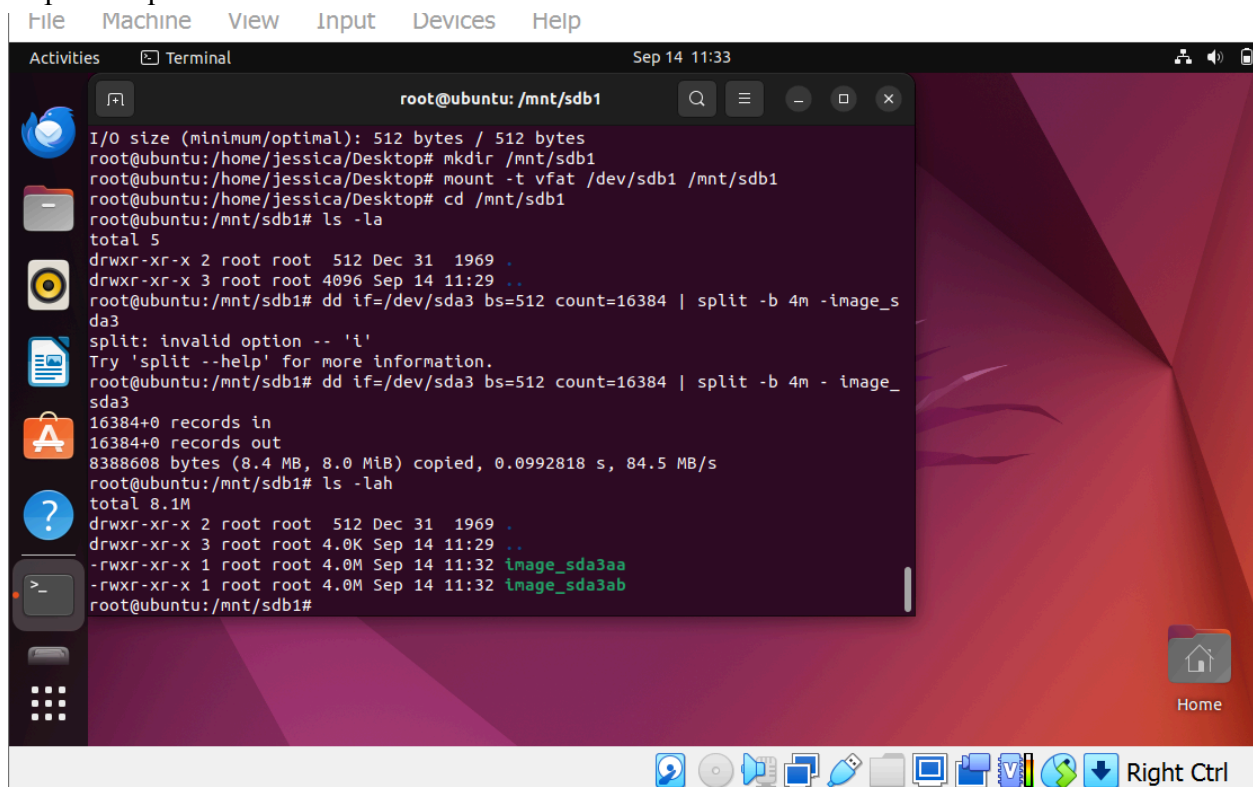Here, I've create the primary partition in the VHD and verified that it worked.

In this screenshot, I've changed the target drive's partition to the Windows 95 FAT32 file system and verified the changes using the command "p".

Finally, I successfully prepared the VHD for mounting and data acquisition.
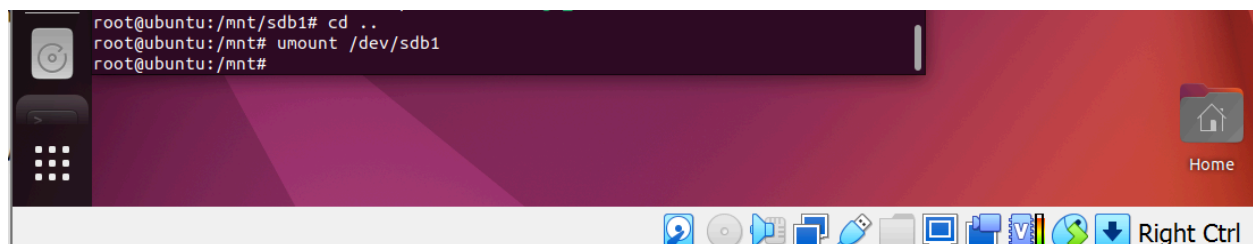
Task 2: Acquiring Data with DD

Step 1: Acquire Data

Here, I've mounted the external drive and used "dd" to make a forensic copy of the target data into the VHD. I then verified its completion and success.
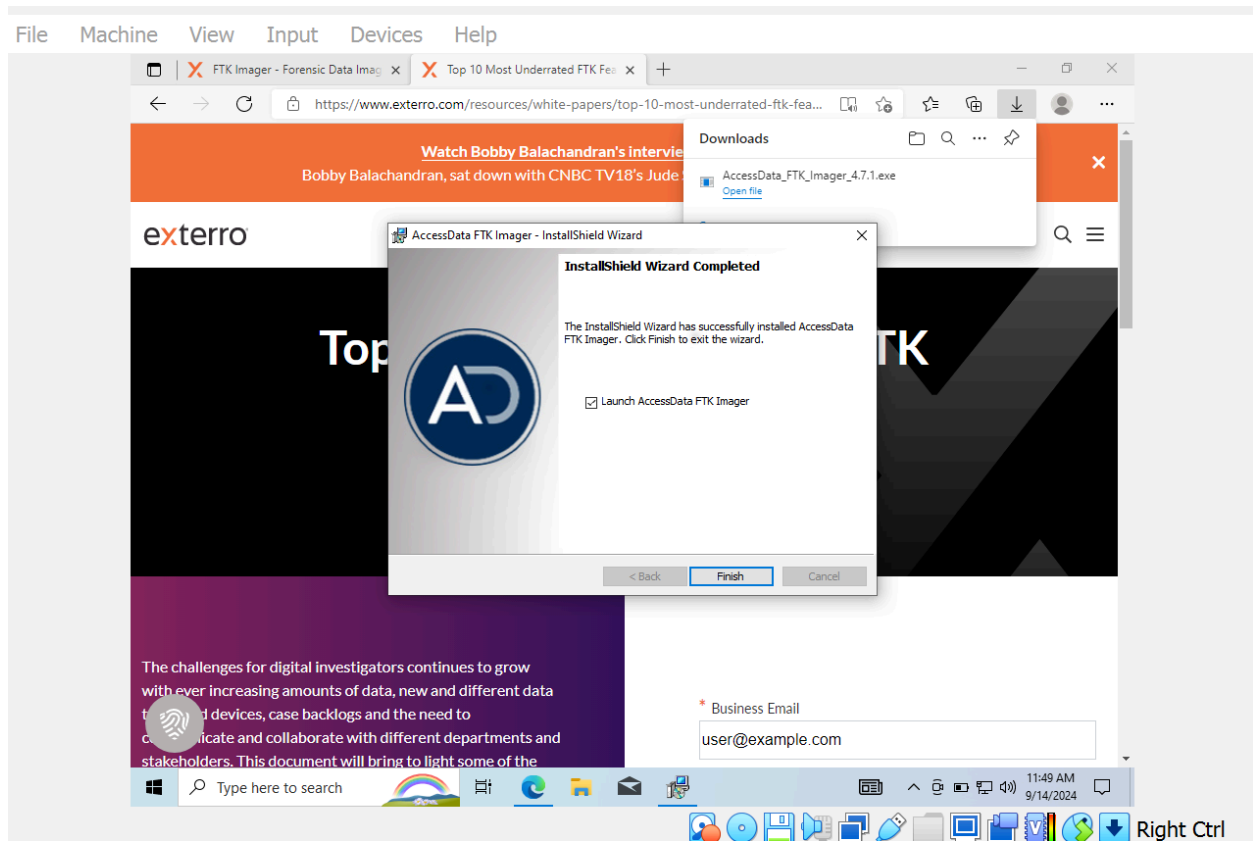

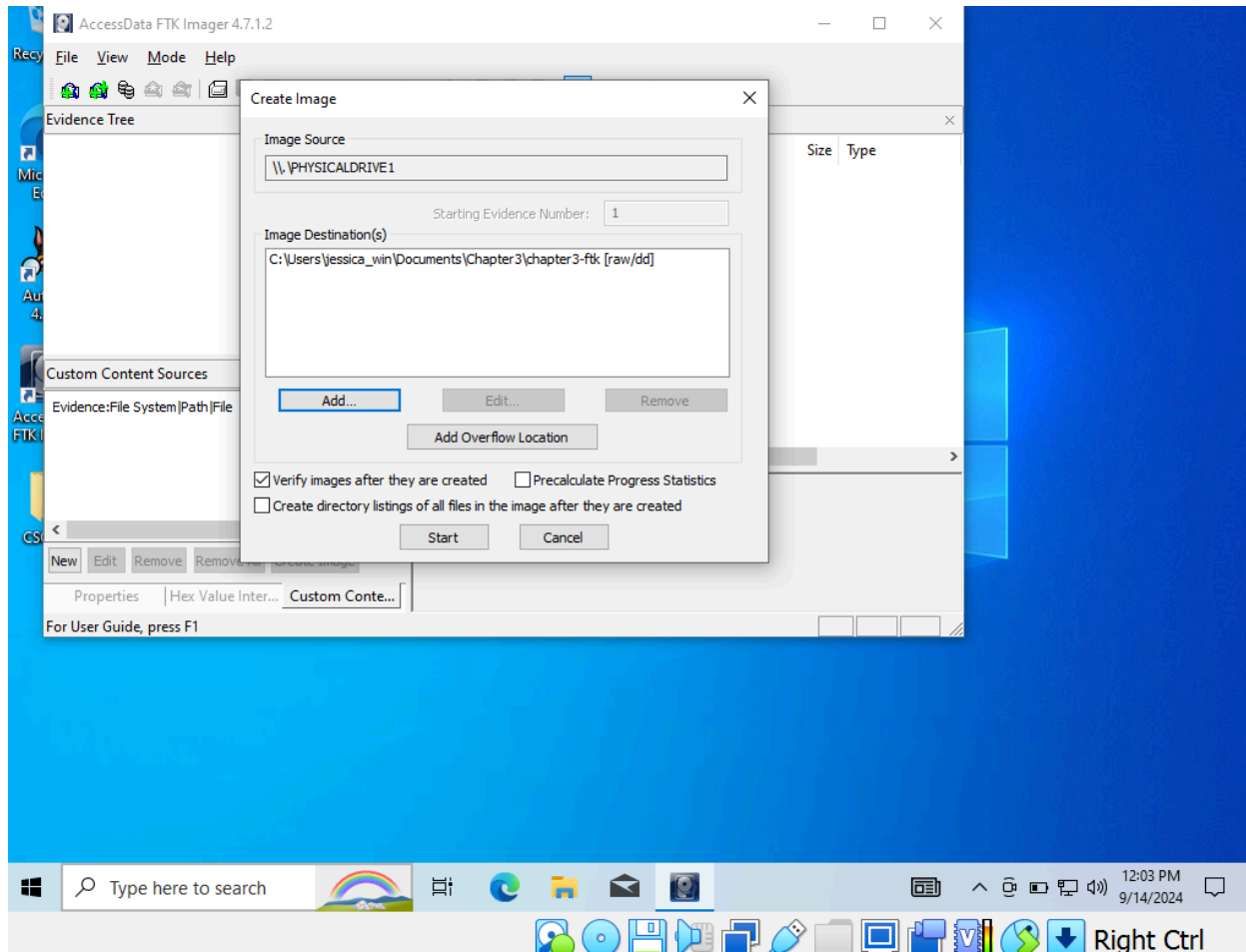Finally, I unmounted the external drive.

Task 3: FTK Imager
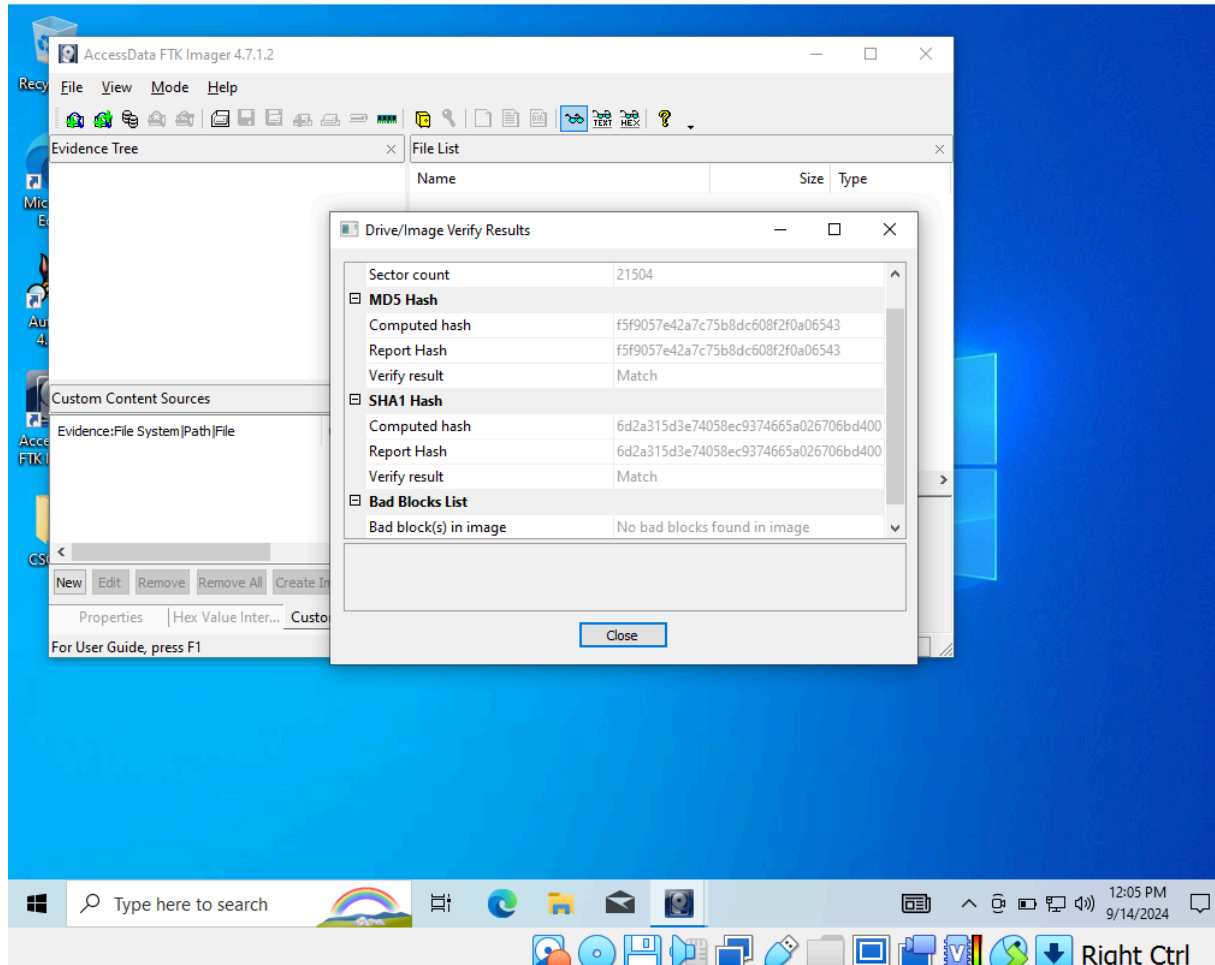
Step 1: Install FTK

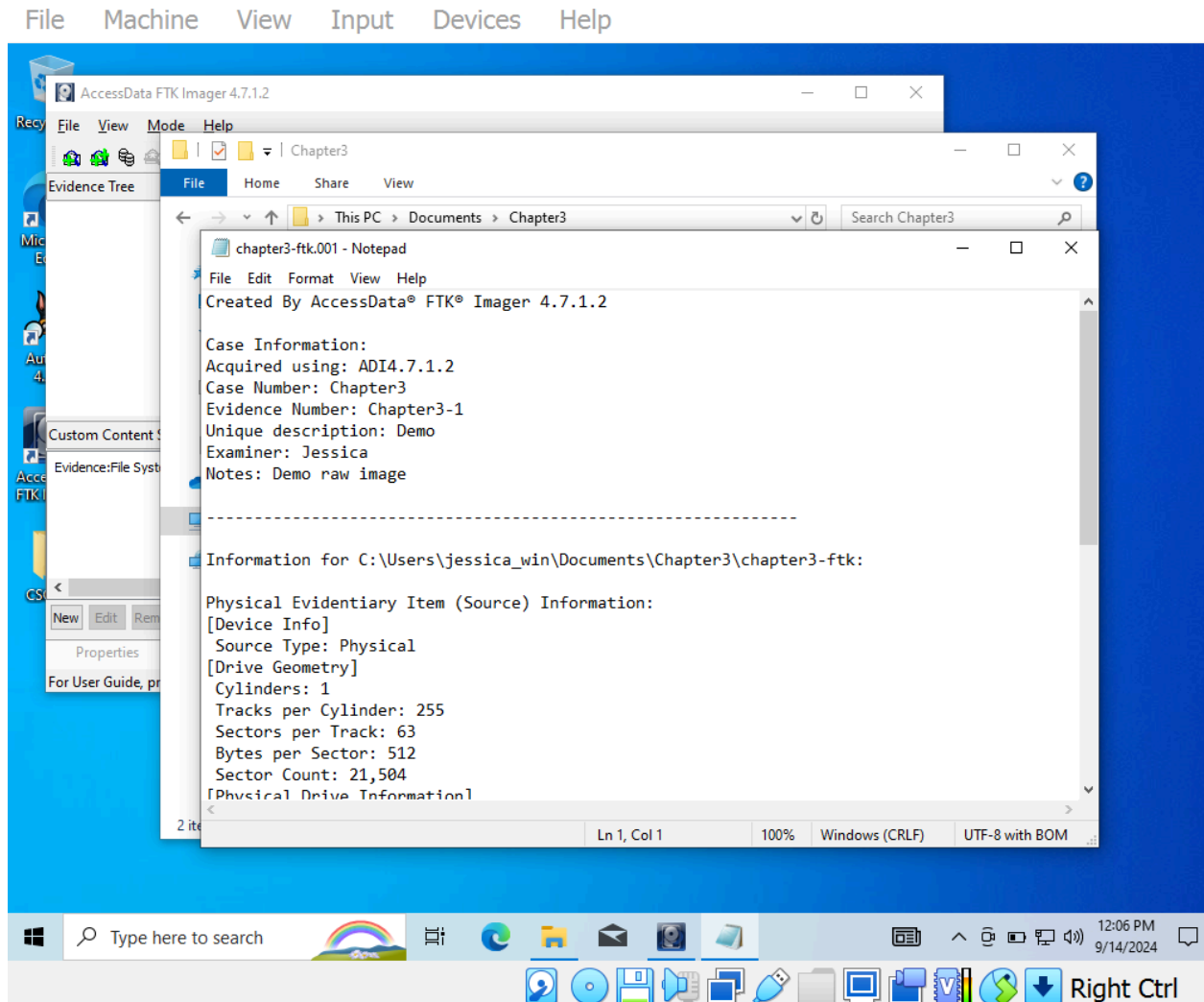Successful installation of FTK Imager.

Step 2: Create Image

Here, I followed the given instructions to create a disk image.

After creating the image, I checked to make sure the hashes were the same and that no errors occurred.

Here, this is the file that appeared in my Chapter 3 folder after creating the image of the disk.