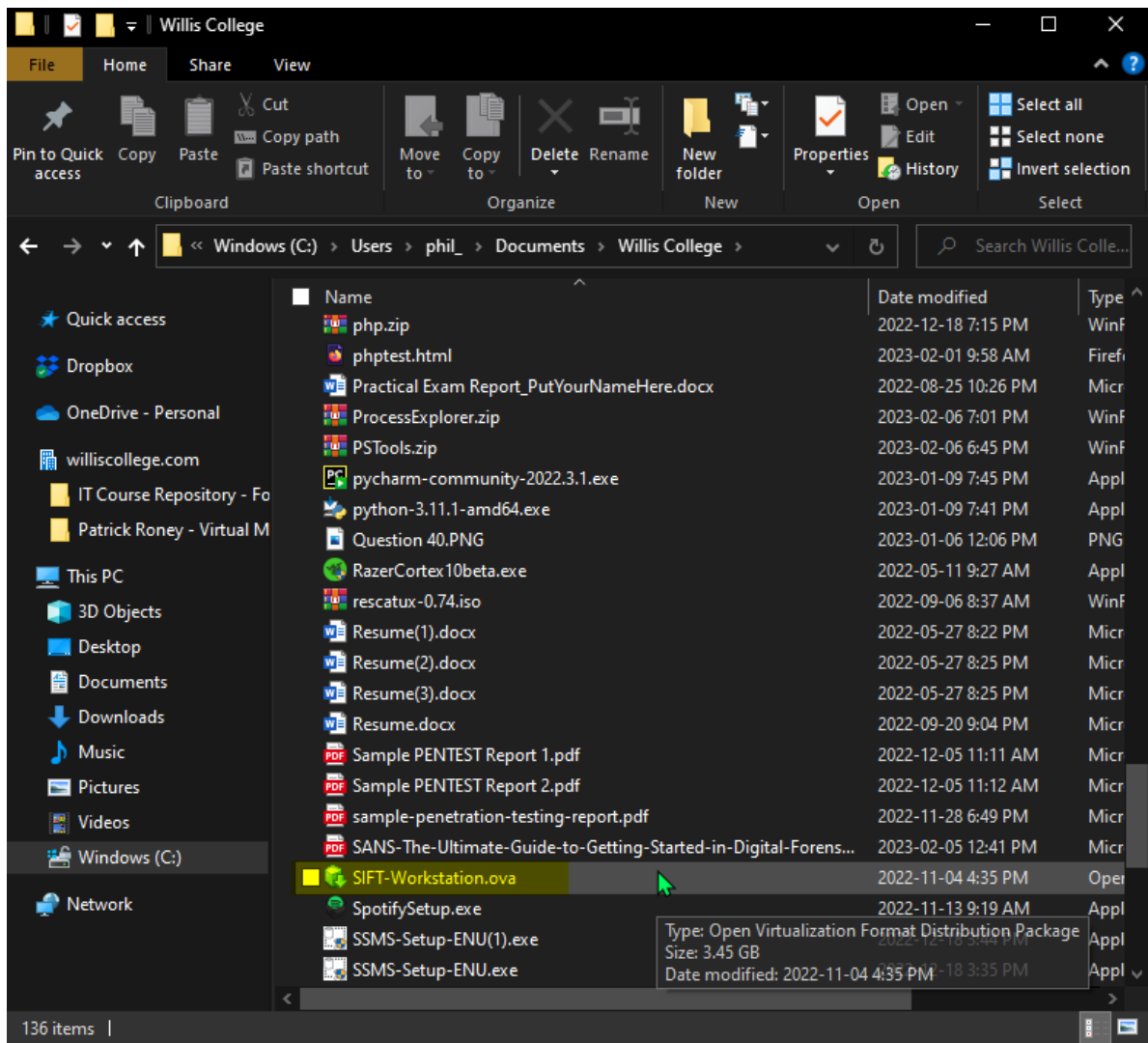


## Assignment 3 - Digital Forensics: Conduct the NIST Rhino Hunt

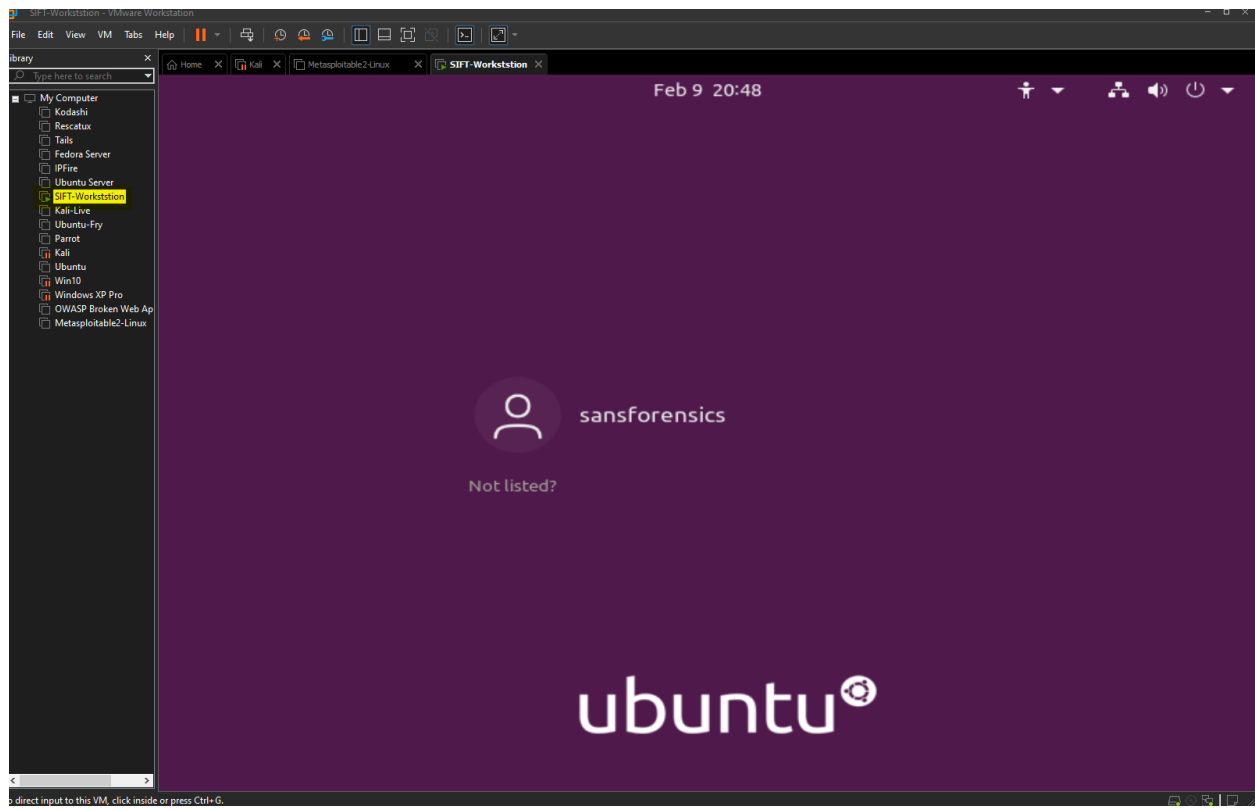
Phil Wilson

In this assignment we were assigned to find hidden files (RHINOUSB.dd). Once running the tools and programs needed, we were able to ascertain the information needed to complete the project.

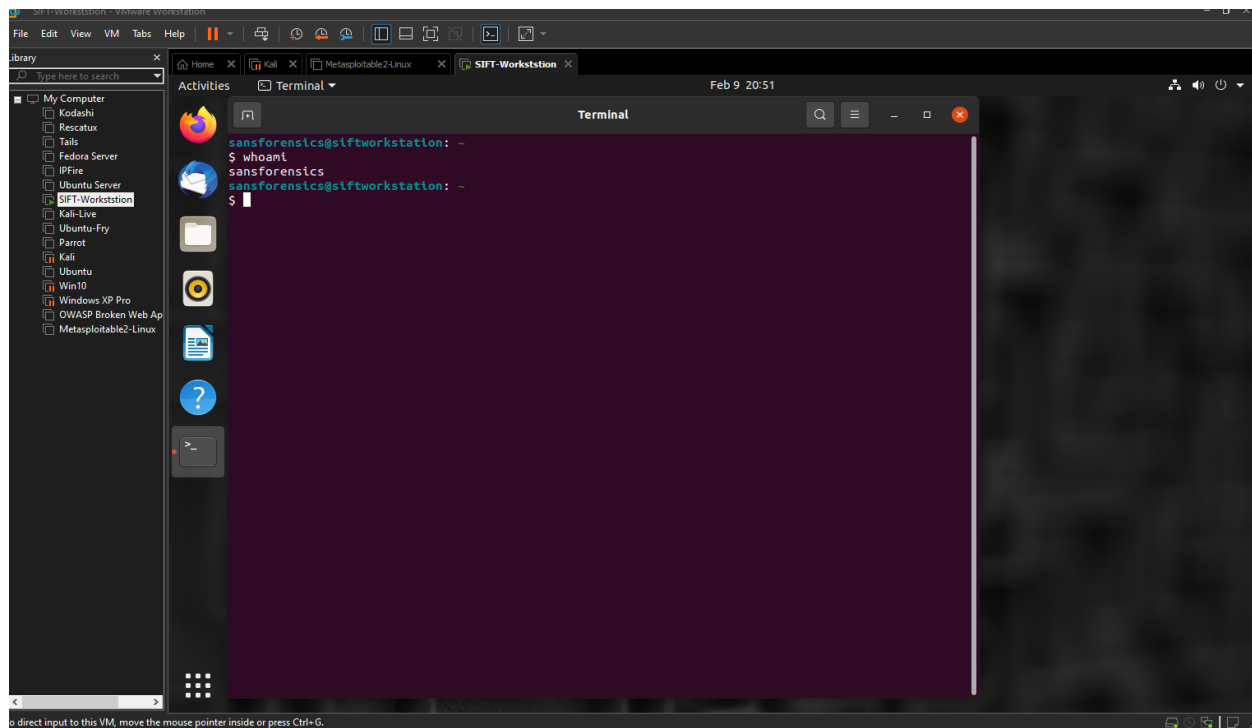
### Step 1: Download SIFT Workstation



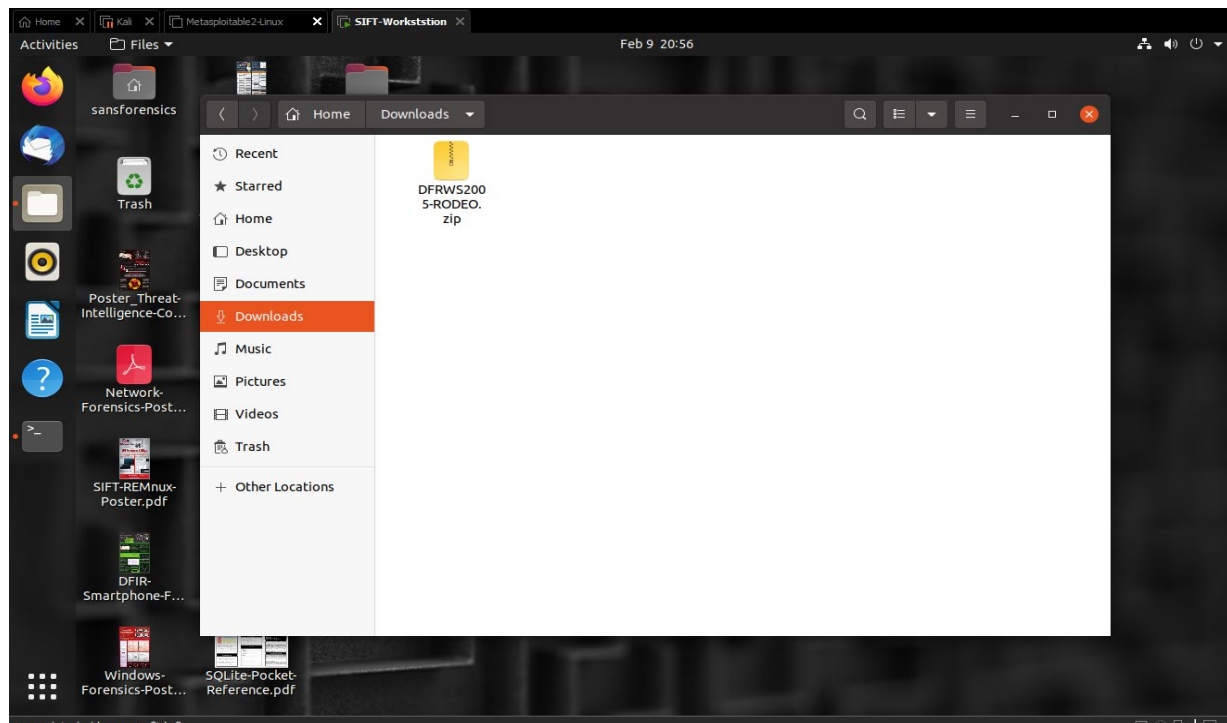
## Step 2: Import SIFT Workstation to VMware and open it.



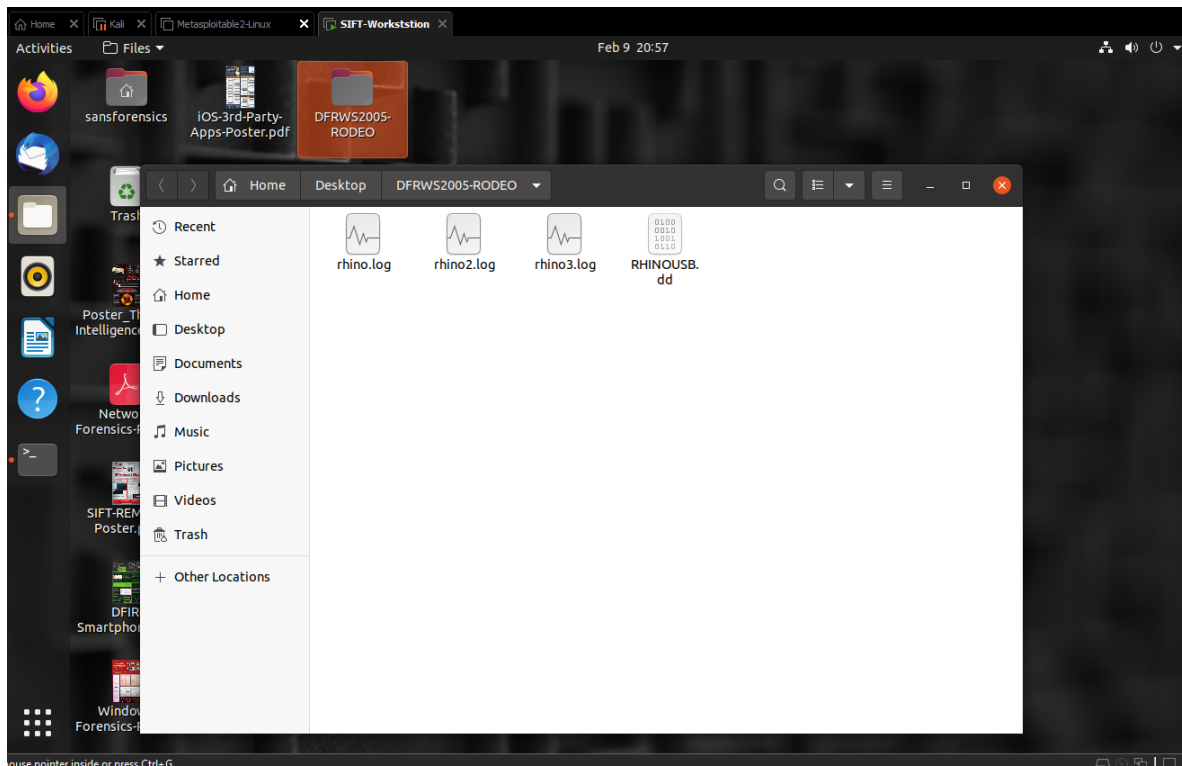
### Step 3: Login to SIFT Workstation



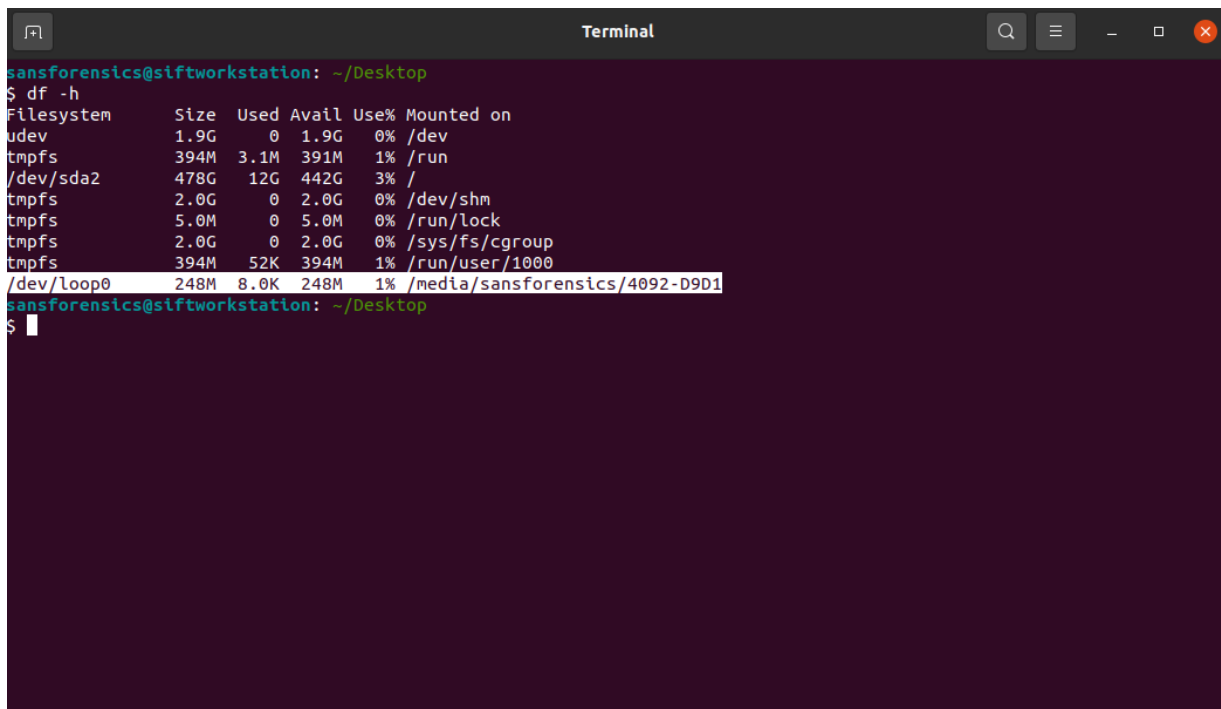
### Step 4: Download the SANS Rhino Hunt



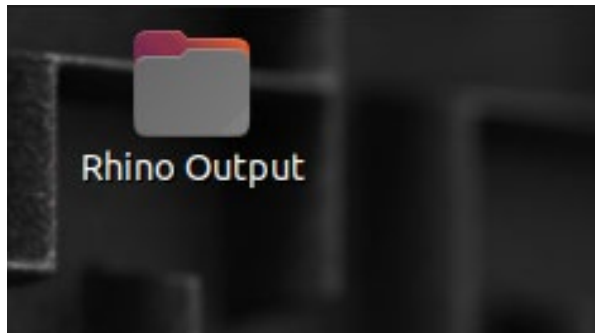
## Step 5: Unzip the Rhino Hunt



## Step 6: Use SIFT to find the Rhino pictures.



## Step 7: Create a Directory for the Output



## Step 8: Run Foremost against the RHINOUSB.dd image.

I used the command:

```
sudo foremost -v -t jpg,gif,pdt,ole -i /dev/loop0 -o /home/sansforensics/Desktop/Rhino Output
```

```
Terminal
sansforensics@siftworkstation: ~/Desktop
$ sudo foremost -v -t jpg,gif,pdf,ole -i /dev/loop0 -o /home/sansforensics/Desktop/Rhino\ Output/
Foremost version 1.5.7 by Jesse Kornblum, Kris Kendall, and Nick Mikus
Audit File

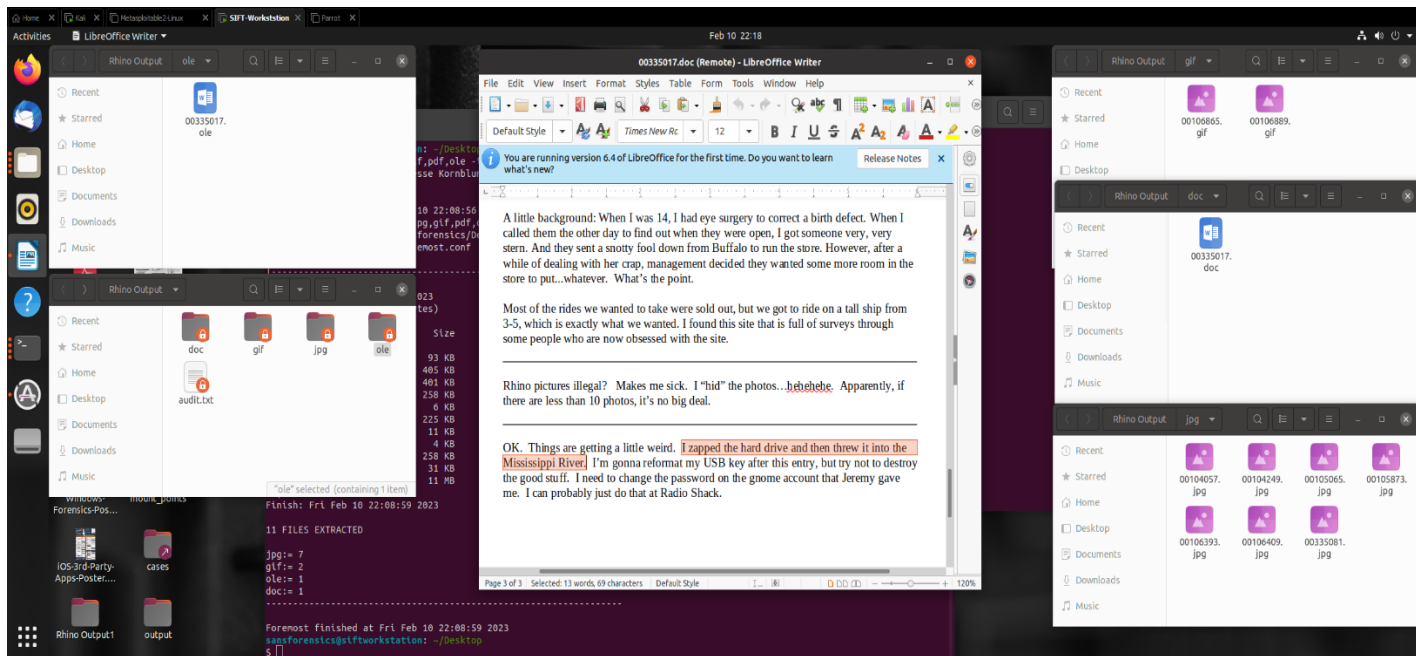
Foremost started at Fri Feb 10 22:08:56 2023
Invocation: foremost -v -t jpg,gif,pdf,ole -i /dev/loop0 -o /home/sansforensics/Desktop/Rhino Output/
Output directory: /home/sansforensics/Desktop/Rhino Output
Configuration file: /etc/foremost.conf
Processing: /dev/loop0
|-----|
File: /dev/loop0
Start: Fri Feb 10 22:08:56 2023
Length: 247 MB (259506176 bytes)

Num      Name (bs=512)      Size      File Offset      Comment
0:       00104057.jpg       93 KB      53277184
1:       00104249.jpg      405 KB      53375488
2:       00105065.jpg      401 KB      53793280
3:       00105873.jpg      258 KB      54206976
4:       00106393.jpg        6 KB      54473216
5:       00106409.jpg      225 KB      54481408
6:       00106865.gif       11 KB      54714880      (290 x 246)
7:       00106889.gif        4 KB      54727168      (150 x 87)
*8:      00335081.jpg      258 KB      171561472
9:       00335017.ole       31 KB      171528704
10:      00335017.doc       11 MB      171528704
**|
Finish: Fri Feb 10 22:08:59 2023

11 FILES EXTRACTED

jpg:= 7
gif:= 2
ole:= 1
doc:= 1
-----
Foremost finished at Fri Feb 10 22:08:59 2023
sansforensics@siftworkstation: ~/Desktop
$
```

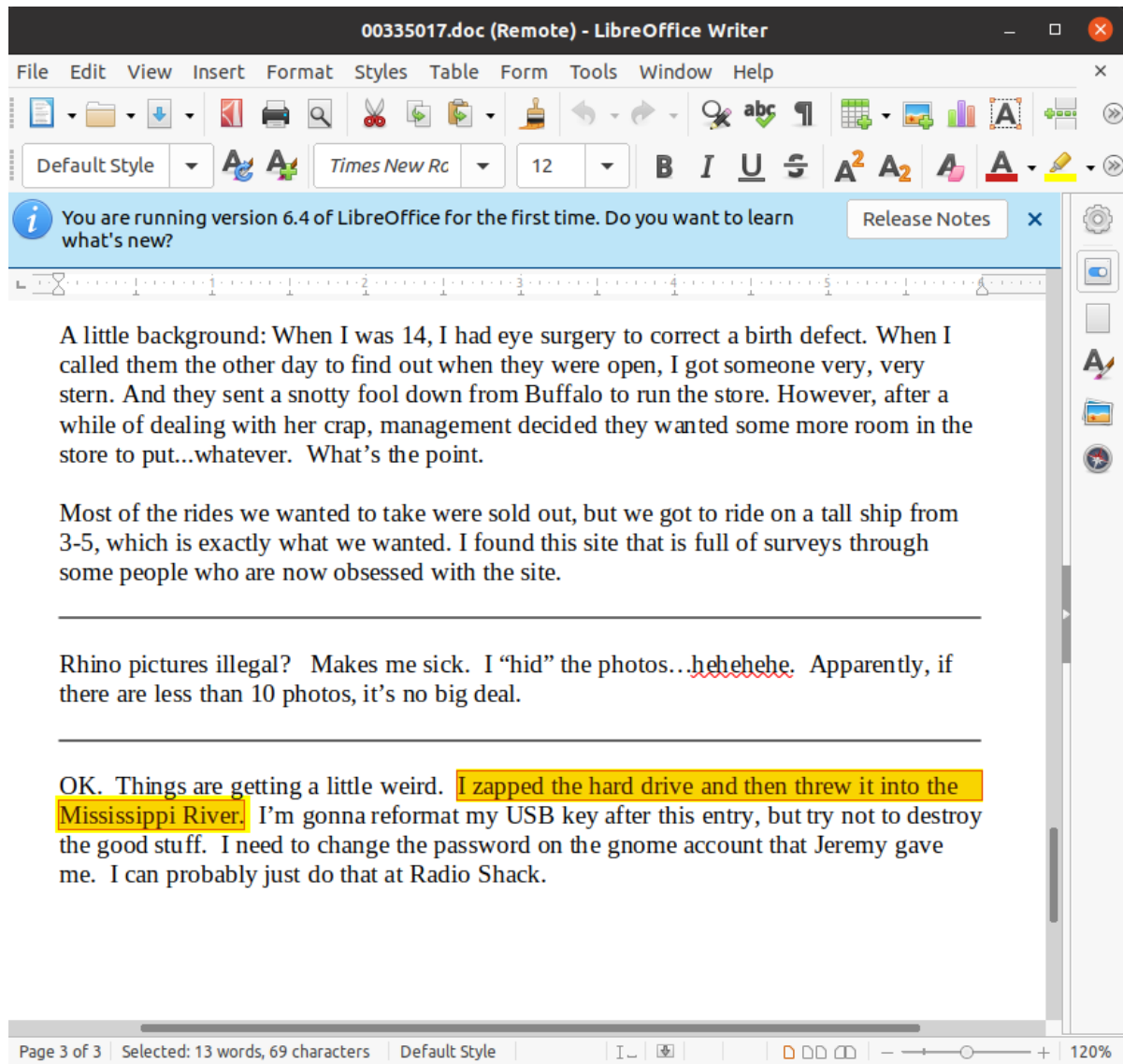
## Step 9: Review the Output



Upon review of the files, you can see that there are 2 .gif files, 7 .jpg files, 1 .doc file, and 1 .ole file. When we open the .doc file and read through it you the answer to the question.

**Answer on next page!**

## Question – What happened to the hard drive?



**Answer – The hard drive was zapped and thrown into the Mississippi River**