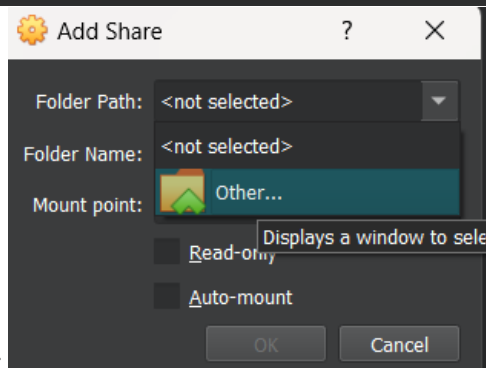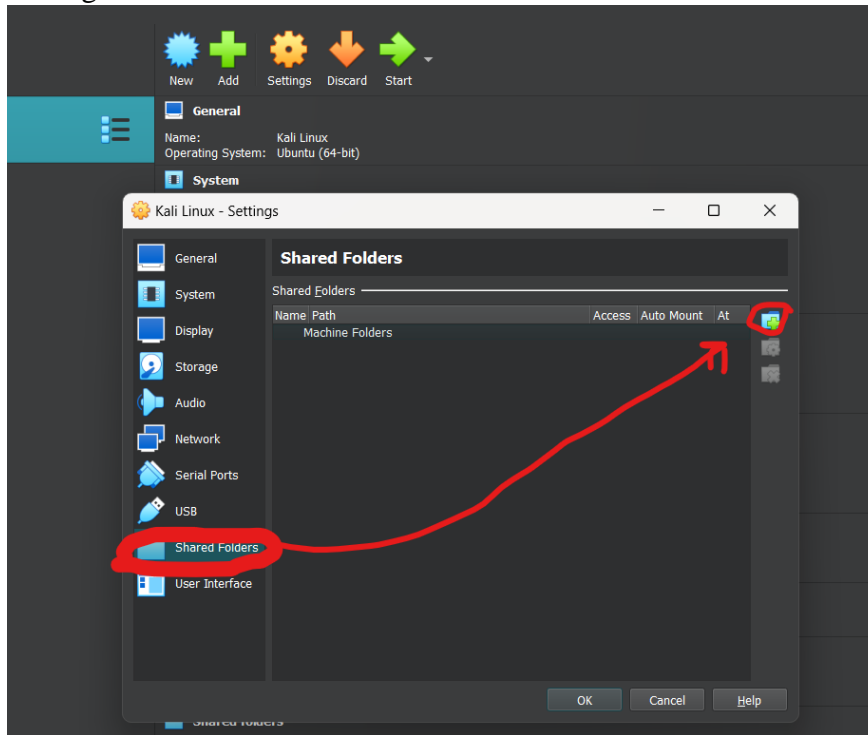Sidratul Afrida

ID: 2111263
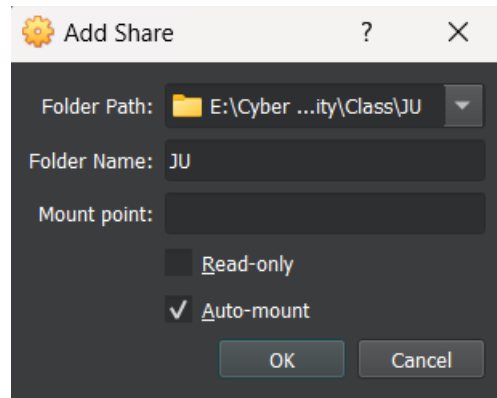
21 Sep 2024

Assignment no 1: **Create Shared Folder**

1. Setting→ Shared Folders → add shared

2. Folder Path → other

3. Select folder:
4. Check is Add Share in Terminal :
    a. sudo -i → for root folder
    b. cd /media/sf_JU → sf stand for share folder→JU is folder name
    c. check target file is available in Shared Folder

    d. Type testdisk ch9 → Process →Intel → Advanced →Boot →List →Files →Find
       red line and go to this line, then type C and again type C → deleted file will be
       copy in target (JU) folder

```
TestDisk 7.2, Data Recovery Utility, February 2024
Christophe GRENIER <grenier@cgsecurity.org>
https://www.cgsecurity.org


Disk ch9 - 134 MB / 128 MiB

Please select the partition table type, press Enter when done.
>[Intel  ] Intel/PC partition
 [EFI GPT] EFI GPT partition map (Mac i386, some x86_64 ... )
 [Humax  ] Humax partition table
 [Mac    ] Apple partition map (legacy)
 [None   ] Non partitioned media
 [Sun    ] Sun Solaris partition
 [XBox   ] XBox partition
 [Return ] Return to disk selection
```

```
TestDisk 7.2, Data Recovery Utility, February 2024
Christophe GRENIER <grenier@cgsecurity.org>
https://www.cgsecurity.org


Disk ch9 - 134 MB / 128 MiB
     CHS 17 255 63 - sector size=512

 [ Analyse  ] Analyse current partition structure and
>[ Advanced ] Filesystem Utils
 [ Geometry ] Change disk geometry
 [ Options  ] Modify options
 [ MBR Code ] Write TestDisk MBR code to first sector
 [ Delete   ] Delete all data in the partition table
 [ Quit     ] Return to disk selection
```

File Actions Edit View Help

TestDisk 7.2, Data Recovery Utility, February 2024
Christophe GRENIER <grenier@cgsecurity.org>
https://www.cgsecurity.org

Disk ch9 - 134 MB / 128 MiB - CHS 17 255 63

```
      Partition                      Start         End      Size in sector
> 1 * FAT32                        0  32 33      16  81  1      260096
```

```
 [   Type   ] >[   Boot   ]  [Undelete]  [Image Creation]  [   Quit   ]
                              Boot sector recovery
```

TestDisk 7.2, Data Recovery Utility, February 2024
Christophe GRENIER <grenier@cgsecurity.org>
https://www.cgsecurity.org
```
 1 * FAT32                        0  32 33      16  81  1      260096
Directory /
```

```
 drwxr-xr-x      0       0       0 23-Jul-2013 03:21 Documentations
>drwxr-xr-x      0       0       0 23-Jul-2013 03:21 Files
 drwxr-xr-x      0       0       0 23-Jul-2013 03:22 WebSites
```

```
TestDisk 7.2, Data Recovery Utility, February 2024
Christophe GRENIER <grenier@cgsecurity.org>
https://www.cgsecurity.org
 1 * FAT32                      0  32 33    16  81  1     260096
Directory /Files

>drwxr-xr-x     0      0          0 23-Jul-2013 03:20 .
 drwxr-xr-x     0      0          0 23-Jul-2013 03:20 ..
 -rwxr-xr-x     0      0    2341273 23-Jul-2013 03:20 revendications.odt
 -rwxr-xr-x     0      0    1197056 23-Jul-2013 03:20 421_20080208011.doc
 -rwxr-xr-x     0      0     142336 23-Jul-2013 03:20 Coker.doc
 -rwxr-xr-x     0      0      63166 23-Jul-2013 03:20 DataSanitizationTutorial
 -rwxr-xr-x     0      0      57344 23-Jul-2013 03:20 Creer_votre_association.

 drwxr-xr-x     0      0          0 23-Jul-2013 03:20 .
 drwxr-xr-x     0      0          0 23-Jul-2013 03:20 ..
>-rwxr-xr-x     0      0    2341273 23-Jul-2013 03:20 revendications.odt
 -rwxr-xr-x     0      0    1197056 23-Jul-2013 03:20 421_20080208011.doc
 -rwxr-xr-x     0      0     142336 23-Jul-2013 03:20 Coker.doc
 -rwxr-xr-x     0      0      63166 23-Jul-2013 03:20 DataSanitizationTutorial
 -rwxr-xr-x     0      0      57344 23-Jul-2013 03:20 Creer_votre_association
```

e. Open target folder (JU)→a new folder "File" created → change the extension to ZIP (don't do compress for create zip)→ then extract all the file

f. Go to Picture location using cd and type exiftool picture_name

```
┌──(root㉿kali)-[~]
└─# cd /media/sf_JU/Files/revendications/Pictures

┌──(root㉿kali)-[/media/sf_JU/Files/revendications/Pictures]
└─# exiftool 1000000000000CC000000990038D2A62.jpg █
```

g. Here show all details about picture:

```
GPS Latitude Ref                          : North
GPS Longitude Ref                         : East
GPS Altitude Ref                          : Above Sea Level
GPS Time Stamp                            : 07:46:50.85
GPS Img Direction Ref                     : True North
GPS Img Direction                         : 247.3508772
Compression                               : JPEG (old-style)
Thumbnail Offset                          : 902
Thumbnail Length                          : 8207
Image Width                               : 3264
Image Height                              : 2448
Encoding Process                          : Baseline DCT, Huffman coding
Bits Per Sample                           : 8
Color Components                          : 3
Y Cb Cr Sub Sampling                      : YCbCr4:2:0 (2 2)
Aperture                                  : 2.4
Image Size                                : 3264×2448
Megapixels                                : 8.0
Scale Factor To 35 mm Equivalent: 8.2
Shutter Speed                             : 1/20
Thumbnail Image                           : (Binary data 8207 bytes, use -b option to
extract)
GPS Altitude                              : 16.7 m Above Sea Level
GPS Latitude                              : 47 deg 36' 16.15" N
GPS Longitude                             : 7 deg 24' 52.48" E
Circle Of Confusion                       : 0.004 mm
Field Of View                             : 54.4 deg
Focal Length                              : 4.3 mm (35 mm equivalent: 35.0 mm)
GPS Position                              : 47 deg 36' 16.15" N, 7 deg 24' 52.48" E
Hyperfocal Distance                       : 2.08 m
Light Value                               : 6.2
```

h. For find picture location: goto: https://www.gps-coordinates.net/ and type GPS Latitude and Longitude

DMS (degrees, minutes, seconds)*

Latitude   ● N ○ S   47 °   36 '   16.15 "

Longitude   ● E ○ W   7 °   24 '   52.479 "

Get Address