Lab 1

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Install a software silently.

```
C:\Windows\system32>msiexec.exe /i "C:\Users\Code_Baker\Downloads\Programs\7z1900-x64.msi" /l* "C:\log.txt" /qr
```

Log Details:

MSI (s) (C8:10) [11:48:44:203]: Product: 7-Zip 19.00 (x64 edition) -- Installation completed successfully.
MSI (s) (C8:10) [11:48:44:204]: Windows Installer installed the product. Product Name: 7-Zip

19.00 (x64 edition). Product Version: 19.00.00.0. Product Language: 1033. Manufacturer: Igor

Pavlov. Installation success or error status: 0.

Who has the highest privilege in OS?

System has the highest privilege in OS.

What is the structure of your file system?

Hierarchical or tree structure.

File types accepted by your os.

```
C:\Windows\system32>assoc
.001=WinRAR
.386=vxdfile
.3g2=WMP11.AssocFile.3G2
.3ga=VLC.3ga
.3gp=WMP11.AssocFile.3GP
.3gp2=WMP11.AssocFile.3G2
.3gpp=WMP11.AssocFile.3GP
.669=VLC.669
.7z=WinRAR
.a52=VLC.a52
.aac=WMP11.AssocFile.ADTS
.accountpicture-ms=accountpicturefile
.adt=WMP11.AssocFile.ADTS
.adts=WMP11.AssocFile.ADTS
.aif=VLC.aif
.aifc=VLC.aifc
.aiff=VLC.aiff
.amv=VLC.amv
.ani=anifile
.aob=VLC.aob
.ape=VLC.ape
.apk=BlueStacks.Apk
.appcontent-ms=ApplicationContent
.application=Application.Manifest
```

Reset the time in system clock

```
C:\Windows\system32>time
The current time is: 12:40:10.79
Enter the new time:
```

```
C:\>assoc>test.txt

C:\>ipconfig>>test.txt

C:\>sort<t.txt
A
agrgrg
ascdvdv
csadaca
fefew
saca

C:\>dir|sort


              5 File(s)        209,884 bytes
             11 Dir(s)  258,756,349,952 bytes free
 Directory of C:\
 Volume in drive C has no label.
 Volume Serial Number is B85D-D907
08-01-2021  08:15    <DIR>          Program Files (x86)
12-01-2021  09:56             2,405 .log
14-07-2020  07:48    <DIR>          Users
14-07-2020  10:58    <DIR>          PerfLogs
14-10-2020  10:02    <DIR>          Intel
15-07-2020  19:09    <DIR>          temp
17-02-2021  11:39           179,644 msilog.txt
17-02-2021  11:48            18,772 log.txt
17-02-2021  11:48    <DIR>          Program Files
17-02-2021  12:45             9,023 test.txt
17-02-2021  12:46                40 t.txt
18-10-2020  11:24    <DIR>          Go
27-09-2020  14:27    <DIR>          Xiaomi
27-12-2020  20:02    <DIR>          Riot Games
29-07-2020  22:24    <DIR>          Games
30-01-2021  23:45    <DIR>          Windows
```

Redirection Operators

Command Based on Directories

```
C:\Users\Code_Baker\Desktop>cd..

C:\Users\Code_Baker>cd "Desktop"

C:\Users\Code_Baker\Desktop>D:

D:\>cd /d "C:\Users\Code_Baker\Desktop"

C:\Users\Code_Baker\Desktop>mkdir Folder1

C:\Users\Code_Baker\Desktop>ren Folder1 Folder3

C:\Users\Code_Baker\Desktop>copy Folder2 Folder3
Folder2\New Text Document.txt
        1 file(s) copied.

C:\Users\Code_Baker\Desktop>del Folder2
C:\Users\Code_Baker\Desktop\Folder2\*, Are you sure (Y/N)? Y

C:\Users\Code_Baker\Desktop>xcopy Folder2 Folder3
0 File(s) copied

C:\Users\Code_Baker\Desktop>rd Folder2
The directory is not empty.
```

Switching Between Absolute Paths

```
C:\Users\Code_Baker>pushd d:

D:\>pushd "C:\Users\Code_Baker"

C:\Users\Code_Baker>popd

D:\>popd

C:\Users\Code_Baker>popd

C:\Users\Code_Baker>popd
```