Commandes de bases

echo


```
Command Prompt                    ✕    +  ∨

Microsoft Windows [Version 10.0.22621.3007]
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C:\Users\xyous>echo hello
hello

C:\Users\xyous>
```
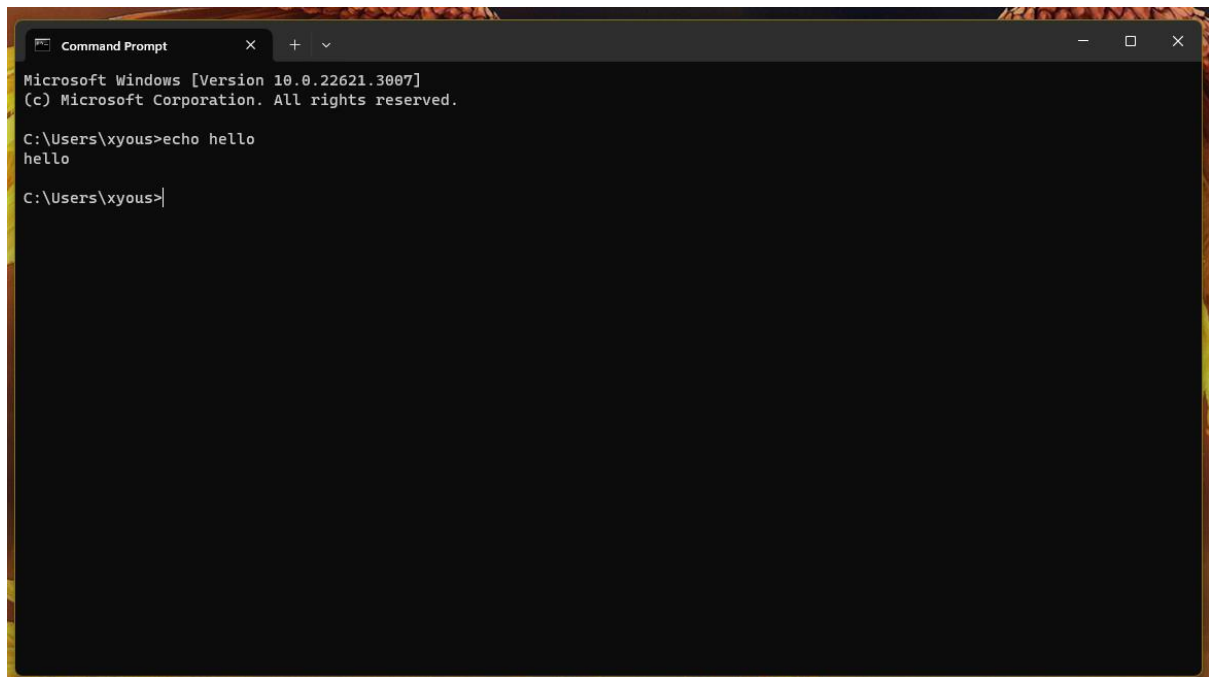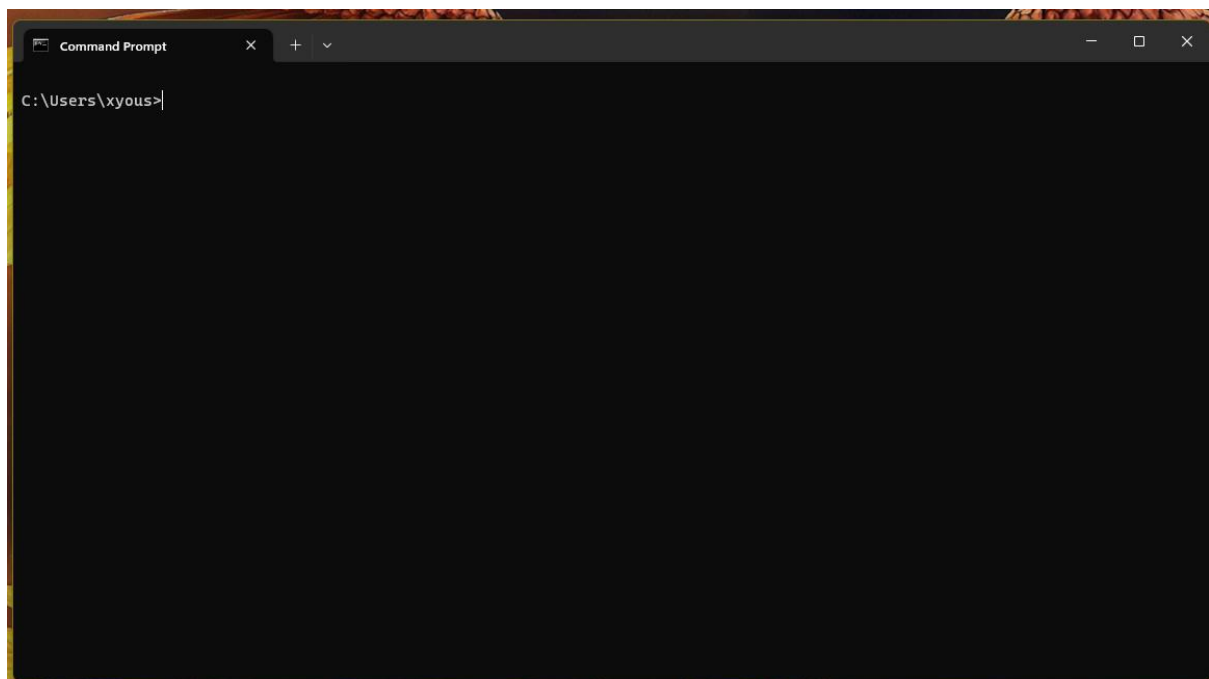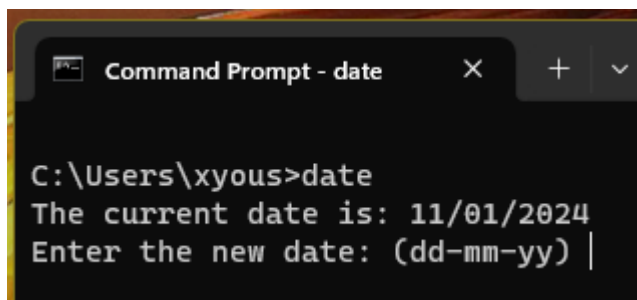
Cls


```
Command Prompt          ✕    +  ∨

C:\Users\xyous>
```

Date


```
Command Prompt - date       ✕    +  ∨

C:\Users\xyous>date
The current date is: 11/01/2024
Enter the new date: (dd-mm-yy)
```

Print


```
   Directory of C:\Users\xyous\OneDrive\School\SIO\JAVA

10/01/2024  09:24    <DIR>          .
28/11/2023  14:47    <DIR>          ..
21/12/2023  15:11            169,031 AP1-Synergy-Java-4.pdf
03/01/2024  14:57    <DIR>          BENHASSINE_VIGNETTE
08/12/2023  13:42    <DIR>          Cours
15/12/2023  12:20    <DIR>          EXOS
11/11/2023  02:18                577 getInputInt.txt
10/01/2024  09:24              7,379 SalleAttente.class
04/01/2024  04:47             11,749 SalleAttente.java
15/09/2023  12:43              3,478 SIO.jar
22/12/2023  09:34            285,196 TP3 - Gestion dune salle dattente.pdf
              6 File(s)        477,410 bytes
              5 Dir(s)  219,874,263,040 bytes free

C:\Users\xyous\OneDrive\School\SIO\JAVA>print SalleAttente.java
```

Exit
Ferme la fenêtre cmd

Commandes CMD Systèmes

Compact

```
Command Prompt                         ✕    +    ⌄

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C:\Users\xyous>compact

 Listing C:\Users\xyous\
 New files added to this directory will not be compressed.

         0 :            0 = 1.0 to 1    .analyseSI
         0 :            0 = 1.0 to 1    .android
         0 :            0 = 1.0 to 1    .dbus-keyrings
         0 :            0 = 1.0 to 1    .dbvis
         0 :            0 = 1.0 to 1    .eclipse
         0 :            0 = 1.0 to 1    .idlerc
         0 :            0 = 1.0 to 1    .jdks
         0 :            0 = 1.0 to 1    .m2
         0 :            0 = 1.0 to 1    .ms-ad
         0 :            0 = 1.0 to 1    .nbi
         0 :            0 = 1.0 to 1    .p2
       176 :          176 = 1.0 to 1    .packettracer
         0 :            0 = 1.0 to 1    .VirtualBox
         0 :            0 = 1.0 to 1    Cisco Packet Tracer 8.2.1
         0 :            0 = 1.0 to 1    Contacts
         0 :            0 = 1.0 to 1    Desktop
         0 :            0 = 1.0 to 1    Documents
         0 :            0 = 1.0 to 1    Downloads
         0 :            0 = 1.0 to 1    Favorites
         0 :            0 = 1.0 to 1    iCloudDrive
         0 :            0 = 1.0 to 1    iCloudPhotos
     24919 :        24919 = 1.0 to 1    java0.log
     26444 :        26444 = 1.0 to 1    java1.log
         0 :            0 = 1.0 to 1    Links
         0 :            0 = 1.0 to 1    Microsoft
         0 :            0 = 1.0 to 1    MRJFreeSoft
         0 :            0 = 1.0 to 1    Music
         0 :            0 = 1.0 to 1    OneDrive
         0 :            0 = 1.0 to 1    Pictures
         0 :            0 = 1.0 to 1    ping
     55240 :        55240 = 1.0 to 1    R2.03 - TP2.xlsx
         0 :            0 = 1.0 to 1    Saved Games
         0 :            0 = 1.0 to 1    Searches
         0 :            0 = 1.0 to 1    source
         0 :            0 = 1.0 to 1    Tracing
         0 :            0 = 1.0 to 1    Videos

Of 54 files within 1 directories
0 are compressed and 54 are not compressed.
28,582,967 total bytes of data are stored in 28,582,967 bytes.
The compression ratio is 1.0 to 1.


C:\Users\xyous>
```

Driverquery

```
Module Name   Display Name            Driver Type   Link Date
============   =====================   ===========   =======================
1394ohci      1394 OHCI Compliant Ho  Kernel
3ware         3ware                   Kernel        19/05/2015 00:28:03
ACPI          Microsoft ACPI Driver   Kernel
AcpiDev       ACPI Devices driver     Kernel
acpiex        Microsoft ACPIEx Drive  Kernel
acpipagr      ACPI Processor Aggrega  Kernel
AcpiPmi       ACPI Power Meter Drive  Kernel
acpitime      ACPI Wake Alarm Driver  Kernel
ACPIVPC       Lenovo Virtual Power C  Kernel        11/07/2022 14:05:48
AcxHdAudio    ACX HD Audio Driver     Kernel
ADP80XX       ADP80XX                 Kernel        09/04/2015 22:49:48
AFD           Ancillary Function Dri  Kernel
afunix        afunix                  Kernel
ahcache       Application Compatibil  Kernel
amdgpio2      AMD GPIO Client Driver  Kernel        07/02/2019 10:32:20
amdi2c        AMD I2C Controller Ser  Kernel        20/03/2019 05:57:33
AmdK8         AMD K8 Processor Drive  Kernel
AmdPPM        AMD Processor Driver    Kernel
amdsata       amdsata                 Kernel        14/05/2015 14:14:52
amdsbs        amdsbs                  Kernel        11/12/2012 22:21:44
amdxata       amdxata                 Kernel        01/05/2015 02:55:35
AppID         AppID Driver            Kernel
AppleSSD      Apple Solid State Driv  Kernel        11/11/2019 22:24:17
applockerflt  Smartlocker Filter Dri  Kernel
arcsas        Adaptec SAS/SATA-II RA  Kernel        09/04/2015 21:12:07
AsyncMac      RAS Asynchronous Media  Kernel
atapi         IDE Channel             Kernel
AX88179       ASIX AX88179 USB 3.0 t  Kernel        09/12/2019 12:28:31
```

Fltmc

```
Administrator: Command Prompt

Microsoft Windows [Version 10.0.22621.3007]
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C:\Windows\System32>Fltmc

Filter Name                        Num Instances    Altitude    Frame
------------------------------     -------------    --------    -----
bindflt                                    1          409800       0
UCPD                                       5          385250.5     0
WdFilter                                   5          328010       0
storqosflt                                 0          244000       0
wcifs                                      0          189900       0
gameflt                                    2          189850       0
CldFlt                                     2          180451       0
bfs                                        7          150000       0
FileCrypt                                  0          141100       0
luafv                                      1          135000       0
npsvctrig                                  1           46000       0
Wof                                        3           40700       0
FileInfo                                   5           40500       0

C:\Windows\System32>
```

Ftype


```
C:\Windows\System32>ftype
Access.ACCDAExtension.16=C:\Program Files\Microsoft Office\Root\Office16\MSACCESS.EXE /NOSTARTUP "%1"
Access.ACCDCFile.16="C:\Program Files\Microsoft Office\Root\Office16\MSACCESS.EXE" /NOSTARTUP "%1"
Access.ACCDEFile.16="C:\Program Files\Microsoft Office\Root\Office16\MSACCESS.EXE" /NOSTARTUP "%1" %2 %3 %4 %5 %6 %7 %8
%9
Access.ACCDRFile.16="C:\Program Files\Microsoft Office\Root\Office16\MSACCESS.EXE" /RUNTIME "%1" %2 %3 %4 %5 %6 %7 %8 %9
Access.ACCDTFile.16="C:\Program Files\Microsoft Office\Root\Office16\MSACCESS.EXE" /NOSTARTUP "%1"
Access.ADEFile.16="C:\Program Files\Microsoft Office\Root\Office16\MSACCESS.EXE" /NOSTARTUP "%1" %2 %3 %4 %5 %6 %7 %8 %9
Access.Application.16="C:\Program Files\Microsoft Office\Root\Office16\MSACCESS.EXE" /NOSTARTUP "%1" %2 %3 %4 %5 %6 %7 %
8 %9
Access.BlankDatabaseTemplate.16="C:\Program Files\Microsoft Office\Root\Office16\MSACCESS.EXE" /NOSTARTUP /NEWDB "%1"
Access.BlankProjectTemplate.16="C:\Program Files\Microsoft Office\Root\Office16\MSACCESS.EXE" /NOSTARTUP /NEWDB "%1"
Access.Extension.16=C:\Program Files\Microsoft Office\Root\Office16\MSACCESS.EXE /NOSTARTUP "%1"
Access.MDBFile="C:\Program Files\Microsoft Office\Root\Office16\MSACCESS.EXE" /NOSTARTUP "%1" %2 %3 %4 %5 %6 %7 %8 %9
Access.MDEFile.16="C:\Program Files\Microsoft Office\Root\Office16\MSACCESS.EXE" /NOSTARTUP "%1" %2 %3 %4 %5 %6 %7 %8 %9
Access.Project.16="C:\Program Files\Microsoft Office\Root\Office16\MSACCESS.EXE" /NOSTARTUP "%1" %2 %3 %4 %5 %6 %7 %8 %9
Access.ShortCut.DataAccessPage.1="C:\Program Files\Microsoft Office\Root\Office16\MSACCESS.EXE" /NOSTARTUP /SHELLSYSTEM
[OpenDataAccessPage "%1"]
Access.ShortCut.Diagram.1="C:\Program Files\Microsoft Office\Root\Office16\MSACCESS.EXE" /NOSTARTUP /SHELLSYSTEM [OpenDi
agram "%1"]
```

Hostname


```
C:\Windows\System32>
C:\Windows\System32>hostname
YOUSSSEF
```

pnpunattend

```
C:\Windows\System32>pnpunattend
DESCRIPTION:
AuditSystem, Unattend online driver install

USAGE:
   PnPUnattend.exe [auditSystem | /help /? /h] [/s] [/L]
        auditSystem   Online driver install.
        /help /? /h   This help.
        /s            Search without installing.
        /L            Print Logging information to the command line.
```

Reagentc

```
C:\Windows\System32>reagentc

Configures the Windows Recovery Environment (Windows RE) and system reset.

REAGENTC.EXE <command> <arguments>

The following commands can be specified:

  /info              - Displays Windows RE and system reset configuration
                       information.
  /setreimage        - Sets the location of the custom Windows RE image.
  /enable            - Enables Windows RE.
  /disable           - Disables Windows RE.
  /boottore          - Configures the system to start Windows RE next time the
                       system starts up.
  /setbootshelllink  - Adds an entry to the Reset and Restore page in the boot
                       menu.

For more information about these commands and their arguments, type
REAGENTC.EXE <command> /?.

  Examples:
    REAGENTC.EXE /setreimage /?
    REAGENTC.EXE /disable /?

REAGENTC.EXE: Operation Successful.
```

Repair-bde

```
C:\Windows\System32>repair-bde
BitLocker Drive Encryption: Repair Tool version 10.0.22621
Copyright (C) 2013 Microsoft Corporation. All rights reserved.



ERROR: Invalid syntax. Use "repair-bde -?" for correct usage.
```

Runas

```
C:\Windows\System32>Runas
RUNAS USAGE:

RUNAS [ [/noprofile | /profile] [/env] [/savecred | /netonly] ]
        /user:<UserName> program

RUNAS [ [/noprofile | /profile] [/env] [/savecred] ]
        /smartcard [/user:<UserName>] program

RUNAS [ [/machine:<MachineType>] ] /trustlevel:<TrustLevel> program

   /noprofile        specifies that the user's profile should not be loaded.
                     This causes the application to load more quickly, but
                     can cause some applications to malfunction.
   /profile          specifies that the user's profile should be loaded.
                     This is the default.
   /env              to use current environment instead of user's.
   /netonly          use if the credentials specified are for remote
                     access only.
   /savecred         to use credentials previously saved by the user.
   /smartcard        use if the credentials are to be supplied from a
                     smartcard.
   /user             <UserName> should be in form USER@DOMAIN or DOMAIN\USER
   /showtrustlevels  displays the trust levels that can be used as arguments
                     to /trustlevel.
   /trustlevel       <Level> should be one of levels enumerated
                     in /showtrustlevels.
   /machine          specifies the machine architecture of the process.
                     <MachineType> should be one of x86|amd64|arm|arm64.
   program           command line for EXE.  See below for examples

Examples:
> runas /noprofile /user:mymachine\administrator cmd
> runas /profile /env /user:mydomain\admin "mmc %windir%\system32\dsa.msc"
> runas /env /user:user@domain.microsoft.com "notepad \"my file.txt\""

NOTE:  Enter user's password only when prompted.
NOTE:  /profile is not compatible with /netonly.
NOTE:  /savecred is not compatible with /smartcard.
```

SC

```
DESCRIPTION:
        SC is a command line program used for communicating with the
        Service Control Manager and services.
USAGE:
        sc <server> [command] [service name] <option1> <option2>...


        The option <server> has the form "\\ServerName"
        Further help on commands can be obtained by typing: "sc [command]"
        Commands:
          query-----------Queries the status for a service, or
                             enumerates the status for types of services.
          queryex---------Queries the extended status for a service, or
                             enumerates the status for types of services.
          start-----------Starts a service.
          pause-----------Sends a PAUSE control request to a service.
          interrogate-----Sends an INTERROGATE control request to a service.
          continue--------Sends a CONTINUE control request to a service.
          stop------------Sends a STOP request to a service.
          config----------Changes the configuration of a service (persistent).
          description-----Changes the description of a service.
          failure---------Changes the actions taken by a service upon failure.
          failureflag-----Changes the failure actions flag of a service.
          sidtype---------Changes the service SID type of a service.
          privs-----------Changes the required privileges of a service.
          managedaccount--Changes the service to mark the service account
                             password as managed by LSA.
          qc--------------Queries the configuration information for a service.
          qdescription----Queries the description for a service.
```

Administrator: Command Prompt

```
          qfailureflag----Queries the failure actions flag of a service.
          qsidtype--------Queries the service SID type of a service.
          qprivs----------Queries the required privileges of a service.
          qtriggerinfo----Queries the trigger parameters of a service.
          qpreferrednode--Queries the preferred NUMA node of a service.
          qmanagedaccount-Queries whether a services uses an account with a
                           password managed by LSA.
          qprotection-----Queries the process protection level of a service.
          quserservice----Queries for a local instance of a user service template.
          delete----------Deletes a service (from the registry).
          create----------Creates a service. (adds it to the registry).
          control---------Sends a control to a service.
          sdshow----------Displays a service's security descriptor.
          sdset-----------Sets a service's security descriptor.
          showsid---------Displays the service SID string corresponding to an arbitrary name.
          triggerinfo-----Configures the trigger parameters of a service.
          preferrednode---Sets the preferred NUMA node of a service.
          GetDisplayName--Gets the DisplayName for a service.
          GetKeyName------Gets the ServiceKeyName for a service.
          EnumDepend------Enumerates Service Dependencies.

       The following commands don't require a service name:
        sc <server> <command> <option>
          boot------------(ok | bad) Indicates whether the last boot should
                           be saved as the last-known-good boot configuration
          Lock------------Locks the Service Database
          QueryLock-------Queries the LockStatus for the SCManager Database
EXAMPLE:
        sc start MyService
```

```
QUERY and QUERYEX OPTIONS:
        If the query command is followed by a service name, the status
        for that service is returned.  Further options do not apply in
        this case.  If the query command is followed by nothing or one of
        the options listed below, the services are enumerated.
    type=    Type of services to enumerate (driver, service, userservice, all)
             (default = service)
    state=   State of services to enumerate (inactive, all)
             (default = active)
    bufsize= The size (in bytes) of the enumeration buffer
             (default = 4096)
    ri=      The resume index number at which to begin the enumeration
             (default = 0)
    group=   Service group to enumerate
             (default = all groups)

SYNTAX EXAMPLES
sc query                   - Enumerates status for active services & drivers
sc query eventlog          - Displays status for the eventlog service
sc queryex eventlog        - Displays extended status for the eventlog service
sc query type= driver      - Enumerates only active drivers
sc query type= service     - Enumerates only Win32 services
sc query state= all        - Enumerates all services & drivers
sc query bufsize= 50       - Enumerates with a 50 byte buffer
sc query ri= 14            - Enumerates with resume index = 14
sc queryex group= ""       - Enumerates active services not in a group
sc query type= interact    - Enumerates all interactive services
sc query type= driver group= NDIS    - Enumerates all NDIS drivers
```

set

```
C:\Windows\System32>set
ALLUSERSPROFILE=C:\ProgramData
APPDATA=C:\Users\xyous\AppData\Roaming
CommonProgramFiles=C:\Program Files\Common Files
CommonProgramFiles(x86)=C:\Program Files (x86)\Common Files
CommonProgramW6432=C:\Program Files\Common Files
COMPUTERNAME=YOUSSSEF
ComSpec=C:\Windows\system32\cmd.exe
DriverData=C:\Windows\System32\Drivers\DriverData
HOMEDRIVE=C:
HOMEPATH=\Users\xyous
JAVA_HOME=C:\Program Files\Java\jdk-13.0.1
LOCALAPPDATA=C:\Users\xyous\AppData\Local
LOGONSERVER=\\YOUSSSEF
NUMBER_OF_PROCESSORS=12
OneDrive=C:\Users\xyous\OneDrive
OneDriveConsumer=C:\Users\xyous\OneDrive
OS=Windows_NT
Path=C:\Program Files (x86)\VMware\VMware Workstation\bin\;C:\Windows\system32;C:\Windows;C:\Windows\System32\Wbem;C:\Wi
ndows\System32\WindowsPowerShell\v1.0\;C:\Windows\System32\OpenSSH\;C:\Program Files\Java\jdk-13.0.1\bin\;C:\MySQL\MySQL
 Server 8.2\bin;C:\Program Files\Python312\;C:\Program Files\Python312\Scripts\;C:\Program Files\Git\cmd;C:\Program File
s\PuTTY\;C:\Users\xyous\AppData\Local\Programs\Python\Python312\python;C:\Users\xyous\AppData\Local\Microsoft\WindowsApp
s;C:\Program Files\Azure Data Studio\bin;C:\Program Files\Azure Data Studio\bin
PATHEXT=.COM;.EXE;.BAT;.CMD;.VBS;.VBE;.JS;.JSE;.WSF;.WSH;.MSC
PROCESSOR_ARCHITECTURE=AMD64
PROCESSOR_IDENTIFIER=Intel64 Family 6 Model 154 Stepping 4, GenuineIntel
PROCESSOR_LEVEL=6
PROCESSOR_REVISION=9a04
```

Schtasks

```
C:\Windows\System32>schtasks

Folder: \
TaskName                                        Next Run Time          Status
==================================== ===================== ===============
Adobe Acrobat Update Task                       11/01/2024 14:00:00    Ready
Apple Diagnostics                               11/01/2024 21:48:13    Ready
BlueStacksHelper_nxt                            11/01/2024 15:23:23    Ready
BraveSoftwareUpdateTaskMachineCore{6B4E0         11/01/2024 17:19:24    Ready
BraveSoftwareUpdateTaskMachineUA{0F03017         11/01/2024 10:19:24    Ready
CreateExplorerShellUnelevatedTask               N/A                    Ready
LSNUpdater                                      N/A                    Running
MicrosoftEdgeUpdateTaskMachineCore               11/01/2024 23:38:01    Ready
MicrosoftEdgeUpdateTaskMachineUA                 11/01/2024 10:08:01    Ready
OneDrive Per-Machine Standalone Update T         12/01/2024 01:35:49    Ready
OneDrive Reporting Task-S-1-5-21-9374187         12/01/2024 00:04:36    Ready
Opera GX scheduled assistant Autoupdate          11/01/2024 11:10:08    Ready
Opera GX scheduled Autoupdate 1687083606         11/01/2024 18:30:57    Ready
Samsung_PSSD_Registration_Plus                   N/A                    Running

Folder: \HP
TaskName                                        Next Run Time          Status
==================================== ===================== ===============
INFO: There are no scheduled tasks presently available at your access level.

Folder: \Lenovo
TaskName                                        Next Run Time          Status
==================================== ===================== ===============
LenovoNowLauncher                               N/A                    Ready
LenovoNowQuarterlyLaunch                         11/02/2024 17:22:15    Ready
LenovoNowTask                                   N/A                    Ready

Folder: \Lenovo\ImController
TaskName                                        Next Run Time          Status
==================================== ===================== ===============
Lenovo iM Controller Monitor                    N/A                    Ready
Lenovo iM Controller Scheduled Maintenan N/A                          Ready

Folder: \Lenovo\ImController\Plugins
TaskName                                        Next Run Time          Status
==================================== ===================== ===============
LenovoSystemUpdatePlugin_WeeklyTask              16/01/2024 13:45:49    Ready

Folder: \Lenovo\ImController\TimeBasedEvents
TaskName                                        Next Run Time          Status
==================================== ===================== ===============
9d2f0126-cce5-4e5b-9681-86daa5510076             11/01/2024 18:47:10    Ready
cdec98e6-e375-467b-96df-09b25e49cd2a             12/01/2024 11:40:35    Ready
e0368055-9757-463e-ac6a-6a75ee1b5ddb             12/01/2024 12:40:54    Ready
```

Systeminfo

```
Host Name:                  YOUSSSEF
OS Name:                    Microsoft Windows 11 Home
OS Version:                 10.0.22621 N/A Build 22621
OS Manufacturer:            Microsoft Corporation
OS Configuration:           Standalone Workstation
OS Build Type:              Multiprocessor Free
Registered Owner:           xyoussefx1500@gmail.com
Registered Organization:    N/A
Product ID:                 00342-22070-82303-AAOEM
Original Install Date:      31/10/2022, 18:37:41
System Boot Time:           11/01/2024, 09:28:35
System Manufacturer:        LENOVO
System Model:               82QE
System Type:                x64-based PC
Processor(s):               1 Processor(s) Installed.
                            [01]: Intel64 Family 6 Model 154 Stepping 4 GenuineIntel ~1700 Mhz
BIOS Version:               LENOVO J1CN33WW, 03/08/2022
Windows Directory:          C:\Windows
System Directory:           C:\Windows\system32
Boot Device:                \Device\HarddiskVolume1
System Locale:              fr;French (France)
Input Locale:               fr;French (France)
Time Zone:                  (UTC+01:00) Brussels, Copenhagen, Madrid, Paris
Total Physical Memory:      16,108 MB
Available Physical Memory:  7,955 MB
Virtual Memory: Max Size:   18,540 MB
Virtual Memory: Available:  7,857 MB
Virtual Memory: In Use:     10,683 MB
Page File Location(s):      C:\pagefile.sys
```

Commandes CMD liées aux disques ou partitions

chkdsk

```
C:\Windows\System32>chkdsk
The type of the file system is NTFS.
Volume label is Windows-SSD.
```

Chkntfs

```
C:\Windows\System32>chkntfs C:/
The type of the file system is NTFS.
C:/ is not dirty.
```

Diskpart

```
C:\Windows\System32>diskpart

Microsoft DiskPart version 10.0.22621.1

Copyright (C) Microsoft Corporation.
On computer: YOUSSSEF
```

Diskperf

```
C:\Windows\System32>diskperf

Both Logical and Physical Disk Performance counters on this system
        are automatically enabled on demand.
For legacy applications using IOCTL_DISK_PERFORMANCE to retrieve raw counters,
you can use -Y or -N to forcibly enable or disable. No restart is required.
```

Fsutil

```
C:\Windows\System32>Fsutil
---- Commands Supported ----

8dot3name          8dot3name management
behavior           Control file system behavior
bypassIo           BypassIo management
dax                Dax volume management
devdrv             Developer volume management
dirty              Manage volume dirty bit
file               File specific commands
fsInfo             File system information
hardlink           Hardlink management
objectID           Object ID management
quota              Quota management
repair             Self healing management
reparsePoint       Reparse point management
storageReserve     Storage Reserve management
resource           Transactional Resource Manager management
sparse             Sparse file control
tiering            Storage tiering property management
trace              File system trace management
transaction        Transaction management
usn                USN management
volume             Volume management
wim                Transparent wim hosting management
```

Mountvol

```
C:\Windows\System32>mountvol
Creates, deletes, or lists a volume mount point.

MOUNTVOL [drive:]path VolumeName
MOUNTVOL [drive:]path /D
MOUNTVOL [drive:]path /L
MOUNTVOL [drive:]path /P
MOUNTVOL /R
MOUNTVOL /N
MOUNTVOL /E
MOUNTVOL drive: /S

    path        Specifies the existing NTFS directory where the mount
                point will reside.
    VolumeName  Specifies the volume name that is the target of the mount
                point.
    /D          Removes the volume mount point from the specified directory.
    /L          Lists the mounted volume name for the specified directory.
    /P          Removes the volume mount point from the specified directory,
                dismounts the volume, and makes the volume not mountable.
                You can make the volume mountable again by creating a volume
                mount point.
    /R          Removes volume mount point directories and registry settings
                for volumes that are no longer in the system.
    /N          Disables automatic mounting of new volumes.
    /E          Re-enables automatic mounting of new volumes.
    /S          Mount the EFI System Partition on the given drive.

Possible values for VolumeName along with current mount points are:
```

Commandes CMD liées aux réseaux

```
Windows IP Configuration


Ethernet adapter Ethernet 2:

   Media State . . . . . . . . . . . : Media disconnected
   Connection-specific DNS Suffix  . : sio.local

Ethernet adapter Ethernet 3:

   Connection-specific DNS Suffix  . :
   Link-local IPv6 Address . . . . . : fe80::cd0a:39b0:c19f:c5ce%8
   IPv4 Address. . . . . . . . . . . : 192.168.56.1
   Subnet Mask . . . . . . . . . . . : 255.255.255.0
   Default Gateway . . . . . . . . . :

Wireless LAN adapter Connexion au réseau local* 1:

   Media State . . . . . . . . . . . : Media disconnected
   Connection-specific DNS Suffix  . :

Wireless LAN adapter Connexion au réseau local* 2:

   Media State . . . . . . . . . . . : Media disconnected
   Connection-specific DNS Suffix  . :

Ethernet adapter VMware Network Adapter VMnet1:
```

Netsh

```
C:\Windows\System32>netsh
netsh>
```

Net use

```
C:\Windows\System32>net use
New connections will be remembered.


There are no entries in the list.
```

Nbtstat

```
C:\Windows\System32>nbtstat

Displays protocol statistics and current TCP/IP connections using NBT
(NetBIOS over TCP/IP).

NBTSTAT [ [-a RemoteName] [-A IP address] [-c] [-n]
        [-r] [-R] [-RR] [-s] [-S] [interval] ]

  -a   (adapter status) Lists the remote machine's name table given its name
  -A   (Adapter status) Lists the remote machine's name table given its
                        IP address.
  -c   (cache)          Lists NBT's cache of remote [machine] names and their IP addresses
  -n   (names)          Lists local NetBIOS names.
  -r   (resolved)       Lists names resolved by broadcast and via WINS
  -R   (Reload)         Purges and reloads the remote cache name table
  -S   (Sessions)       Lists sessions table with the destination IP addresses
  -s   (sessions)       Lists sessions table converting destination IP
                        addresses to computer NETBIOS names.
  -RR  (ReleaseRefresh) Sends Name Release packets to WINS and then, starts Refresh


  RemoteName    Remote host machine name.
  IP address    Dotted decimal representation of the IP address.
  interval      Redisplays selected statistics, pausing interval seconds
                between each display. Press Ctrl+C to stop redisplaying
                statistics
```

Nslookup

```
C:\Windows\System32>
C:\Windows\System32>nslookup
Default Server:  wpad.0680008p-01.etab.ac-strasbourg.fr
Address:  192.168.228.254
```

Pathping

```
C:\Windows\System32>pathping 172.16.5.17

Tracing route to 172.16.5.17 over a maximum of 30 hops

  0  YOUSSSEF.0680008p-01.etab.ac-strasbourg.fr [10.167.229.174]
  1    *        *        *
Computing statistics for 0 seconds...
          Source to Here   This Node/Link
Hop  RTT    Lost/Sent = Pct  Lost/Sent = Pct  Address
  0                                           YOUSSSEF.0680008p-01.etab.ac-strasbourg.fr [10.167.229.174]

Trace complete.
```

Route

```
C:\Windows\System32>route

Manipulates network routing tables.

ROUTE [-f] [-p] [-4|-6] command [destination]
                [MASK netmask]  [gateway] [METRIC metric]  [IF interface]

  -f            Clears the routing tables of all gateway entries.  If this is
                used in conjunction with one of the commands, the tables are
                cleared prior to running the command.

  -p            When used with the ADD command, makes a route persistent across
                boots of the system. By default, routes are not preserved
                when the system is restarted. Ignored for all other commands,
                which always affect the appropriate persistent routes.

  -4            Force using IPv4.

  -6            Force using IPv6.

  command       One of these:
                  PRINT     Prints  a route
                  ADD       Adds    a route
                  DELETE    Deletes a route
                  CHANGE    Modifies an existing route
  destination   Specifies the host.
  MASK          Specifies that the next parameter is the 'netmask' value.
```

Commandes CMD autour des processus

Tasklist

```
C:\Windows\System32>tasklist

Image Name                     PID Session Name        Session#    Mem Usage
========================= ======== ================ =========== ============
System Idle Process              0 Services               0            8 K
System                           4 Services               0       15,720 K
Secure System                  140 Services               0       48,064 K
Registry                       184 Services               0       43,548 K
smss.exe                       728 Services               0        1,124 K
csrss.exe                     1096 Services               0        5,100 K
wininit.exe                   1184 Services               0        6,184 K
csrss.exe                     1208 Console                1        6,124 K
services.exe                  1264 Services               0       15,028 K
winlogon.exe                  1296 Console                1       15,116 K
LsaIso.exe                    1352 Services               0        3,408 K
lsass.exe                     1368 Services               0       28,620 K
svchost.exe                   1488 Services               0       31,436 K
fontdrvhost.exe               1516 Console                1       10,596 K
fontdrvhost.exe               1524 Services               0        2,852 K
WUDFHost.exe                  1604 Services               0        9,756 K
svchost.exe                   1660 Services               0       17,072 K
svchost.exe                   1704 Services               0        8,620 K
dwm.exe                       1792 Console                1      141,184 K
svchost.exe                   1904 Services               0       18,612 K
svchost.exe                   1912 Services               0        5,160 K
svchost.exe                   1940 Services               0        7,872 K
svchost.exe                   1948 Services               0        4,868 K
svchost.exe                   1960 Services               0       10,784 K
```

Tracerpt

```
C:\Windows\System32>tracerpt
At least one of the following arguments is required:
  l
  rt
```

Commandes CMD liées au sortie ou texte

Find

```
C:\Users\xyous\OneDrive\School\SIO\JAVA>find "Salle" SalleAttente.java

---------- SALLEATTENTE.JAVA
public class SalleAttente {
```

Findstr

```
C:\Users\xyous\OneDrive\School\SIO\JAVA>findstr "Scanner" SalleAttente.java
import java.util.Scanner;
    static Scanner input = new Scanner(System.in);
    static int valeurDebut (Scanner input) {
    static int valeurFin (Scanner input) {
    static String saisirPrenom (Scanner input) {
    static int afficherMenuPrincipal (Scanner input) {
    static void accueilNouveauPatient (String[] lesPatients, Scanner input) {
    static void patientDrPrompto (String[] lesPatients, Scanner input) {
    static void patientsDrPresto(String[] lesPatients, Scanner input) {
    public static int getIntInput(Scanner input, String prompt) {
```

Sort

```
C:\Users\xyous\OneDrive\School\SIO\JAVA>find "Scanner" SalleAttente.java | sort

---------- SALLEATTENTE.JAVA
    public static int getIntInput(Scanner input, String prompt) {
    static int afficherMenuPrincipal (Scanner input) {
    static int valeurDebut (Scanner input) {
    static int valeurFin (Scanner input) {
    static Scanner input = new Scanner(System.in);
    static String saisirPrenom (Scanner input) {
    static void accueilNouveauPatient (String[] lesPatients, Scanner input) {
    static void patientDrPrompto (String[] lesPatients, Scanner input) {
    static void patientsDrPresto(String[] lesPatients, Scanner input) {
import java.util.Scanner;
```

Type

```
C:\Users\xyous\OneDrive\School\SIO\JAVA>type SalleAttente.java
import java.util.Arrays;
import java.util.Scanner;

public class SalleAttente {

    static Scanner input = new Scanner(System.in);

    static final String VALEUR_PAR_DEFAUT = "libre";
    static final String CSV = " ; ";

    static String[] lesPatients = new String[10];
    static String[] tab;

    static String regex = ";";

    public static void main(String[] args) {

        int choix;
        initialiserTableauLesPatients(lesPatients);

        do {
            choix = afficherMenuPrincipal(input);

            switch (choix) {
                case 1:
                    System.out.println("Vous avez choisi le choix 1 \"Afficher la file d'attente\"");
                    afficherFileAttente(lesPatients);

                    System.out.println();
```

Commandes CMD sur les fichiers avec l'invite de commandes

Lettre (j'ai un seul disque sur mon ordi personnel)

```
C:\Users\xyous\OneDrive\School\SIO\JAVA>D:
The system cannot find the drive specified.
```

Assoc

```
C:\Users\xyous\OneDrive\School\SIO\JAVA>assoc .txt=SalleAttente
.txt=SalleAttente
```

Attrib

```
C:\Users\xyous\OneDrive\School\SIO\JAVA>attrib +r SalleAttente.java

C:\Users\xyous\OneDrive\School\SIO\JAVA>
```

Cd

```
C:\Users\xyous\OneDrive\School\SIO\JAVA>cd EXOS

C:\Users\xyous\OneDrive\School\SIO\JAVA\EXOS>
```

Cipher

```
C:\Users\xyous\OneDrive\School\SIO\JAVA>cipher EXOS

 Listing C:\Users\xyous\OneDrive\School\SIO\JAVA\
 New files added to this directory will not be encrypted.

U EXOS

C:\Users\xyous\OneDrive\School\SIO\JAVA>
```

fc

```
C:\Users\xyous\OneDrive\School\SIO\JAVA>
C:\Users\xyous\OneDrive\School\SIO\JAVA>fc SalleAttente.class SalleAttente.java
Comparing files SalleAttente.class and SALLEATTENTE.JAVA
***** SalleAttente.class
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♀SalleAttente☻
♂lesPatients☻
‼[Ljava/lang/String;
```

Erase

```
C:\Users\xyous\OneDrive\School\SIO\JAVA>erase SalleAttente.class

C:\Users\xyous\OneDrive\School\SIO\JAVA>
```

Icalc

```
C:\Users\xyous\OneDrive\School\SIO\JAVA>icacls SalleAttente.java /grant xyous:(F)
processed file: SalleAttente.java
Successfully processed 1 files; Failed processing 0 files
```

Mkdir

```
C:\Users\xyous\OneDrive\School\SIO\JAVA>mkdir EXOS1010

C:\Users\xyous\OneDrive\School\SIO\JAVA>cd EXOS1010

C:\Users\xyous\OneDrive\School\SIO\JAVA\EXOS1010>
```

mklink

```
C:\Users\xyous\OneDrive\School\SIO\JAVA>mklink "C:\Users\xyous\OneDrive\Desktop\SalleAttenteLink.java" "C:\Users\xyous\OneDriv
e\School\SIO\JAVA\SalleAttente.java"
Cannot create a file when that file already exists.

C:\Users\xyous\OneDrive\School\SIO\JAVA>
```

rmdir

```
C:\Users\xyous\OneDrive\School\SIO\JAVA>rmdir EXOS1010

C:\Users\xyous\OneDrive\School\SIO\JAVA>
```

Dir

```
C:\Users\xyous\OneDrive\School\SIO\JAVA>dir
 Volume in drive C is Windows-SSD
 Volume Serial Number is 965B-49DC

 Directory of C:\Users\xyous\OneDrive\School\SIO\JAVA

11/01/2024  11:18    <DIR>          .
28/11/2023  14:47    <DIR>          ..
21/12/2023  15:11           169,031 AP1-Synergy-Java-4.pdf
03/01/2024  14:57    <DIR>          BENHASSINE_VIGNETTE
08/12/2023  13:42    <DIR>          Cours
15/12/2023  12:20    <DIR>          EXOS
11/11/2023  02:18               577 getInputInt.txt
04/01/2024  04:47            11,749 SalleAttente.java
15/09/2023  12:43             3,478 SIO.jar
22/12/2023  09:34           285,196 TP3 - Gestion dune salle dattente.pdf
               5 File(s)        470,031 bytes
               5 Dir(s)  219,494,141,952 bytes free
```

Del

```
C:\Users\xyous\OneDrive\School\SIO\JAVA>del bonjour

C:\Users\xyous\OneDrive\School\SIO\JAVA>
```

Copy

```
C:\Users\xyous\OneDrive\School\SIO\JAVA>copy getInputInt.txt bonjour
Overwrite bonjour? (Yes/No/All): Y
        1 file(s) copied.

C:\Users\xyous\OneDrive\School\SIO\JAVA>
```

Openfiles

```
C:\Users\xyous\OneDrive\School\SIO\JAVA>openfiles

INFO: The system global flag 'maintain objects list' needs
      to be enabled to see local opened files.
      See Openfiles /? for more information.



Files opened remotely via local share points:
------------------------------------------------


INFO: No shared open files found.


C:\Users\xyous\OneDrive\School\SIO\JAVA>
```

Rename

```
C:\Users\xyous\OneDrive\School\SIO\JAVA>rename bonjour GETINt
```

Robocopy

```
C:\Users\xyous\OneDrive\School\SIO\JAVA>robocopy "C:\Users\xyous\OneDrive\School\SIO\JAVA" "C:\Users\xyous\OneDrive\Desktop" /
E /COPYALL

-------------------------------------------------------------------------
   ROBOCOPY     ::     Robust File Copy for Windows
-------------------------------------------------------------------------

  Started : Thursday, 11 January 2024 11:39:05
   Source : C:\Users\xyous\OneDrive\School\SIO\JAVA\
     Dest : C:\Users\xyous\OneDrive\Desktop\

    Files : *.*

  Options : *.* /S /E /COPYALL /R:1000000 /W:30

-------------------------------------------------------------------------

                  6    C:\Users\xyous\OneDrive\School\SIO\JAVA\
       *EXTRA Dir     -1    C:\Users\xyous\OneDrive\Desktop\Anciennes données de Firefox\
         *EXTRA File        15.1 m        BlueStacks-Support.7z
         *EXTRA File        1796          DB Browser for SQLite.exe.lnk
         *EXTRA File        282           desktop.ini
         *EXTRA File        2457          EPOMAKER Driver.lnk
         *EXTRA File        786           gta Vice City.lnk
         *EXTRA File        2363          Microsoft Edge.lnk
         *EXTRA File        64            new_sample.txt
```

```
-------------------------------------------------------------------------

                 Total    Copied   Skipped  Mismatch    FAILED    Extras
       Dirs :       18        17         1         0         0         1
      Files :       74        74         0         0         0         9
      Bytes :    8.08 m    8.08 m         0         0         0   15.19 m
      Times :   0:00:00   0:00:00                       0:00:00   0:00:00


      Speed :            26,324,639 Bytes/sec.
      Speed :             1,506.308 MegaBytes/min.
      Ended : Thursday, 11 January 2024 11:39:06
```

Takeown

```
C:\Users\xyous\OneDrive\School\SIO\JAVA>takeown /F GETINt

SUCCESS: The file (or folder): "C:\Users\xyous\OneDrive\School\SIO\JAVA\GETINt" now owned by user "YOUSSSEF\xyous".

C:\Users\xyous\OneDrive\School\SIO\JAVA>_
```

Tree

```
C:\Users\xyous\OneDrive\School\SIO\JAVA>tree
Folder PATH listing for volume Windows-SSD
Volume serial number is 965B-49DC
C:.
├───BENHASSINE_VIGNETTE
├───Cours
│   ├───Fonctions procèdures
│   ├───Initiation
│   ├───Les Tableaux
│   ├───Structures alternatives
│   └───Structures Itératives
└───EXOS
    ├───Fonctions Prcédures
    ├───Initiation
    ├───Les Tableaux
    ├───Structures Alternatives
    ├───Structures Itératives
    ├───TP
    │   ├───TP1 Trouver un nombre
    │   └───TP2 Jeu de loie
    └───TP d'attente
```

Where

```
C:\Users\xyous\OneDrive\School\SIO\JAVA>where SalleAttente.java
C:\Users\xyous\OneDrive\School\SIO\JAVA\SalleAttente.java
```

Xcopy

```
C:\Users\xyous\OneDrive\School\SIO\JAVA>xcopy "C:\Users\xyous\OneDrive\School\SIO\JAVA" "C:\Users\xyous\OneDrive\Desktop" /E /
H /C /K /O /X
Overwrite C:\Users\xyous\OneDrive\Desktop\AP1-Synergy-Java-4.pdf (Yes/No/All)? Y
C:\Users\xyous\OneDrive\School\SIO\JAVA\AP1-Synergy-Java-4.pdf
Overwrite C:\Users\xyous\OneDrive\Desktop\getInputInt.txt (Yes/No/All)? A
C:\Users\xyous\OneDrive\School\SIO\JAVA\getInputInt.txt
C:\Users\xyous\OneDrive\School\SIO\JAVA\GETINt
C:\Users\xyous\OneDrive\School\SIO\JAVA\SalleAttente.java
Access denied
C:\Users\xyous\OneDrive\School\SIO\JAVA\SIO.jar
C:\Users\xyous\OneDrive\School\SIO\JAVA\TP3 - Gestion dune salle dattente.pdf
C:\Users\xyous\OneDrive\School\SIO\JAVA\BENHASSINE_VIGNETTE\BENHASSINE_VIGNETTE.java
C:\Users\xyous\OneDrive\School\SIO\JAVA\BENHASSINE_VIGNETTE\BENHASSINE_VIGNETTE_OPTIM.java
C:\Users\xyous\OneDrive\School\SIO\JAVA\BENHASSINE_VIGNETTE\Vignette.pdf
C:\Users\xyous\OneDrive\School\SIO\JAVA\Cours\Fonctions procèdures\B1-Prog-04- procédures et fonctions 2023.pdf
C:\Users\xyous\OneDrive\School\SIO\JAVA\Cours\Initiation\B1 - Prog - Présentation du langage Java et Netbeans - 2023.pdf
C:\Users\xyous\OneDrive\School\SIO\JAVA\Cours\Initiation\B1 - Prog - TD1 - Découverte Java.pdf
C:\Users\xyous\OneDrive\School\SIO\JAVA\Cours\Initiation\B1-Prog-01- Notions de base.pdf
C:\Users\xyous\OneDrive\School\SIO\JAVA\Cours\Les Tableaux\B1-Prog-05- Tableaux à 1 dimension.pdf
C:\Users\xyous\OneDrive\School\SIO\JAVA\Cours\Structures alternatives\Les structures alternatives.pdf
C:\Users\xyous\OneDrive\School\SIO\JAVA\Cours\Structures Itératives\B1-Prog-02- Les structures itératives - while - 2023.pdf
C:\Users\xyous\OneDrive\School\SIO\JAVA\Cours\Structures Itératives\B1-Prog-03- Les structures itératives - do-while - 2023.pd
f
C:\Users\xyous\OneDrive\School\SIO\JAVA\Cours\Structures Itératives\B1-Prog-03- Les structures itératives - for - 2023.pdf
C:\Users\xyous\OneDrive\School\SIO\JAVA\EXOS\Fonctions Prcédures\EXO 40.txt
C:\Users\xyous\OneDrive\School\SIO\JAVA\EXOS\Fonctions Prcédures\EXO 41.txt
C:\Users\xyous\OneDrive\School\SIO\JAVA\EXOS\Fonctions Prcédures\EXO 42.txt
C:\Users\xyous\OneDrive\School\SIO\JAVA\EXOS\Fonctions Prcédures\EXO 43.txt
C:\Users\xyous\OneDrive\School\SIO\JAVA\EXOS\Fonctions Prcédures\EXO 44.txt
C:\Users\xyous\OneDrive\School\SIO\JAVA\EXOS\TP\TP2 Jeu de loie\BENHASSINE TP2 Jeu de loie.java
C:\Users\xyous\OneDrive\School\SIO\JAVA\EXOS\TP d'attente\Le Crédit de colmar.txt
C:\Users\xyous\OneDrive\School\SIO\JAVA\EXOS\TP d'attente\TP Distributeur boisson.pdf
C:\Users\xyous\OneDrive\School\SIO\JAVA\EXOS\TP d'attente\TP Le crédit de Colmar.pdf
C:\Users\xyous\OneDrive\School\SIO\JAVA\EXOS\TP d'attente\TP Mot de passe.pdf
C:\Users\xyous\OneDrive\School\SIO\JAVA\EXOS\TP d'attente\TP motDePasse1.txt
C:\Users\xyous\OneDrive\School\SIO\JAVA\EXOS\TP d'attente\TP motDePasse2.txt
73 File(s) copied
```