

NAME: G R NITIN
APPLICATION NUMBER: 1004112

1.ASSOC- To display a full list of filename extensions and program associations.

```
Command Prompt
Microsoft Windows [Version 10.0.19042.1288]
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C:\Users\G R Nitin>assoc

.386=vxdfile
.3g2=WMPI11.AssocFile.3G2
.3gp=WMPI11.AssocFile.3GP
.3gp2=WMPI11.AssocFile.3G2
.3gpp=WMPI11.AssocFile.3GP
.AAC=WMPI11.AssocFile.ADTS
.acdda=Access.ACCDAExtension.16
.acddb=Access.Application.16
.accdc=Access.ACCDCFile.16
.accde=Access.ACCDEFile.16
.accdr=Access.ACCDRFile.16
.accdt=Access.ACCDTFile.16
.accdw=Access.WizardUserDataFile.16
.accdw=Access.WebApplicationReference.16
.accft=Access.ACCFTFile.16
.accountpicture-ms=accountpicturefile
.acl=ACLFile
.adf=Access.ADFFile.16
.adn=Access.BlankProjectTemplate.16
.adp=Access.Project.16
.ADT=WMPI11.AssocFile.ADTS
.ADTS=WMPI11.AssocFile.ADTS
.aif=WMPI11.AssocFile.AIFF
.aifc=WMPI11.AssocFile.AIFF
.aiff=WMPI11.AssocFile.AIFF
.anl=anlfile
.appcontent-ms=ApplicationContent
.application=Application.Manifest
.appref-ms=Application.Reference
.asa=aspfile
.asd=Word.AutoRecovery.8
.asf=WMPI11.AssocFile.ASF
.asp=aspfile
.asx=WMPI11.AssocFile.ASX
.au=WMPI11.AssocFile.AU
.avi=WMPI11.AssocFile.AVI
.aw=AwFile
.bat=batfile
.blg=Diagnostic.Perfmon.Document
.bmp=Paint.Picture
.cab=CABFolder
.camp=campfile
.cat=CATFile
.cda=WMPI11.AssocFile.CDA
.cdmp=campfile
.cdx=aspfile
```

2.Cipher-Wipes a directory by writing random data to it.

```
Command Prompt

C:\Users\G R Nitin>cipher

Listing C:\Users\G R Nitin\
New files added to this directory will not be encrypted.

U .VirtualBox
U 3D Objects
U Contacts
U Desktop
U Documents
U Downloads
U Favorites
U Links
U Music
U OneDrive
U Pictures
U Saved Games
U Searches
U Videos
U VirtualBox VMs

C:\Users\G R Nitin>
```

3.Driverquery

```
Command Prompt

C:\Users\G R Nitin>driverquery

Module Name      Display Name      Driver Type      Link Date
=====
1394ohci         1394 OHCI Complian Kernel
3ware            3ware             Kernel           19-05-2015 03:58:03
ACPI             Microsoft ACPI Driver
AcpiDev          ACPI Devices driver
acpiex           Microsoft ACPIEx Drive
acpipagr         ACPI Processor Aggrega
AcpiPmi          ACPI Power Meter Drive
acpitime         ACPI Wake Alarm Driver
Acx01000         Acx01000           Kernel
ADP80XX          ADP80XX            Kernel           10-04-2015 02:19:48
AFD              Ancillary Function Dri
afunix           afunix             Kernel
ahcache          Application Compatibil
amdgp2           AMD GPIO Client Driver
amdi2c           AMD I2C Controller Ser
AmdK8            AMD K8 Processor Drive
AmdPPM           AMD Processor Driver
amdsata          amdsata            Kernel           14-05-2015 17:44:52
amdsbs           amdsbs             Kernel           12-12-2012 02:51:44
amdxtata         amdxtata           Kernel           01-05-2015 06:25:35
AppID            AppID Driver
applockerflt     SmartLocker Filter Dri
arcsas           Adaptec SAS/SATA-II RA
Asusgio3         Asusgio3           Kernel           01-06-2021 07:14:39
AsusPTPDrv       ASUS Touch Service
ASUSSAIO         ASUSSAIO           Kernel           16-08-2021 14:29:07
AsynchMac        RAS Asynchronous Media
atapi            IDE Channel        Kernel
ATK014ACPIIO     ATK014ACPI Driver  Kernel           15-07-2021 17:47:08
b06bdrv          QLogic Network Adapter
bam              Background Activity Mo
BasicDisplay     BasicDisplay        Kernel
BasicRender      BasicRender         Kernel
bcmfn2           bcmfn2 Service     Kernel           01-11-2016 07:39:15
Beep             Beep               Kernel
bindflt          Windows Bind Filter Dr
browser          browser            File System
BthA2dp          Microsoft Bluetooth A2
BthEnum          Bluetooth Enumerator S
BthHFEEnum       Microsoft Bluetooth Ha
BthLEEnum        Bluetooth Low Energy D
BthMini          Bluetooth Radio Driver
BTHMODEM         Bluetooth Modem Commun
BthPan           Bluetooth Device (Pers
BTHPORT          Bluetooth Port Driver
```

4.File Compare- To compare two files.

```
Command Prompt
Microsoft Windows [Version 10.0.19042.1288]
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C:\Users\G R Nitin>fc
FC: Insufficient number of file specifications

C:\Users\G R Nitin>
```

5.Ipconfig- This command relays the IP address that your computer is currently using.

```
Command Prompt
C:\Users\G R Nitin>Ipconfig

Windows IP Configuration

Ethernet adapter Ethernet:

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

Ethernet adapter VirtualBox Host-Only Network:

    Connection-specific DNS Suffix  . :
    Link-local IPv6 Address . . . . . : fe80::f5ec:f27f:b932:5cd0%10
    IPv4 Address. . . . . : 192.168.56.1
    Subnet Mask . . . . . : 255.255.255.0
    Default Gateway . . . . . :

Wireless LAN adapter Local Area Connection* 1:

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

Wireless LAN adapter Local Area Connection* 2:

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

Ethernet adapter VMware Network Adapter VMnet1:

    Connection-specific DNS Suffix  . :
    Link-local IPv6 Address . . . . . : fe80::7cc1:6a46:dd14:f9%2
    IPv4 Address. . . . . : 192.168.11.1
    Subnet Mask . . . . . : 255.255.255.0
    Default Gateway . . . . . :

Ethernet adapter VMware Network Adapter VMnet8:

    Connection-specific DNS Suffix  . :
    Link-local IPv6 Address . . . . . : fe80::8559:8264:dbed:b76f%5
    IPv4 Address. . . . . : 192.168.182.1
    Subnet Mask . . . . . : 255.255.255.0
    Default Gateway . . . . . :

Wireless LAN adapter Wi-Fi:

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

C:\Users\G R Nitin>
```

6.Netstat

```
Command Prompt

C:\Users\G R Mitin>netstat

Active Connections

Proto Local Address           Foreign Address         State
TCP    127.0.0.1:1043          LAPTOP-AT8140LJ:61238  ESTABLISHED
TCP    127.0.0.1:9012          LAPTOP-AT8140LJ:61503  ESTABLISHED
TCP    127.0.0.1:9487          LAPTOP-AT8140LJ:61502  ESTABLISHED
TCP    127.0.0.1:61238        LAPTOP-AT8140LJ:1043   ESTABLISHED
TCP    127.0.0.1:61502        LAPTOP-AT8140LJ:9487   ESTABLISHED
TCP    127.0.0.1:61503        LAPTOP-AT8140LJ:9012   ESTABLISHED
TCP    192.168.8.105:62124    52.114.40.85:https     ESTABLISHED

C:\Users\G R Mitin>
```

7.Ping

```
Command Prompt

C:\Users\G R Mitin>ping 192.168.182.1

Pinging 192.168.182.1 with 32 bytes of data:
Reply from 192.168.182.1: bytes=32 time<1ms TTL=128
Reply from 192.168.182.1: bytes=32 time<1ms TTL=128
Reply from 192.168.182.1: bytes=32 time<1ms TTL=128
Reply from 192.168.182.1: bytes=32 time<1ms TTL=128

Ping statistics for 192.168.182.1:
    Packets: Sent = 4, Received = 4, Lost = 0 (0% loss),
    Approximate round trip times in milli-seconds:
        Minimum = 0ms, Maximum = 0ms, Average = 0ms

C:\Users\G R Mitin>
```

8.Path ping

```
Command Prompt
C:\Users\G R Nitin>path ping
C:\Users\G R Nitin>path ping 192.168.182.1
C:\Users\G R Nitin>
```

9.Tracert

```
Command Prompt
C:\Users\G R Nitin>tracert
Usage: tracert [-d] [-h maximum_hops] [-j host-list] [-w timeout]
              [-R] [-S srcaddr] [-4] [-6] target_name
Options:
  -d          Do not resolve addresses to hostnames.
  -h maximum_hops  Maximum number of hops to search for target.
  -j host-list  Loose source route along host-list (IPv4-only).
  -w timeout    Wait timeout milliseconds for each reply.
  -R           Trace round-trip path (IPv6-only).
  -S srcaddr    Source address to use (IPv6-only).
  -4           Force using IPv4.
  -6           Force using IPv6.
C:\Users\G R Nitin>
```

10.Powercfg

```
Select Command Prompt
C:\Users\G R Nitin>powercfg /a
The following sleep states are available on this system:
    Standby (S0 Low Power Idle) Network Disconnected
    Hibernate
    Fast Startup

The following sleep states are not available on this system:
    Standby (S1)
        The system firmware does not support this standby state.
        This standby state is disabled when S0 low power idle is supported.

    Standby (S2)
        The system firmware does not support this standby state.
        This standby state is disabled when S0 low power idle is supported.

    Standby (S3)
        This standby state is disabled when S0 low power idle is supported.

    Hybrid Sleep
        Standby (S3) is not available.

    Standby (S0 Low Power Idle) Network Connected
        Connectivity in standby is not supported.

C:\Users\G R Nitin>
```

11.Shutdown

```
Command Prompt
Microsoft Windows [Version 10.0.19042.1288]
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C:\Users\G R Nitin>shutdown
Usage: shutdown [/i | /l | /s | /sg | /r | /g | /a | /p | /h | /e | /o] [/hybrid] [/soft] [/fw] [/f]
        [/m \\computer][/t xxx][/d [p|u:]xx:yy [/c "comment"]]

No args      Display help. This is the same as typing /?.
/?           Display help. This is the same as not typing any options.
/i           Display the graphical user interface (GUI).
             This must be the first option.
/l           Log off. This cannot be used with /m or /d options.
/s           Shutdown the computer.
/sg          Shutdown the computer. On the next boot, if Automatic Restart Sign-On
             is enabled, automatically sign in and lock last interactive user.
             After sign in, restart any registered applications.
/r           Full shutdown and restart the computer.
/g           Full shutdown and restart the computer. After the system is rebooted,
             if Automatic Restart Sign-On is enabled, automatically sign in and
             lock last interactive user.
             After sign in, restart any registered applications.
/a           Abort a system shutdown.
             This can only be used during the time-out period.
             Combine with /fw to clear any pending boots to firmware.
/p           Turn off the local computer with no time-out or warning.
             Can be used with /d and /f options.
/h           Hibernate the local computer.
             Can be used with the /f option.
/hybrid      Performs a shutdown of the computer and prepares it for fast startup.
             Must be used with /s option.
/fw          Combine with a shutdown option to cause the next boot to go to the
             firmware user interface.
/e           Document the reason for an unexpected shutdown of a computer.
/o           Go to the advanced boot options menu and restart the computer.
             Must be used with /r option.
/m \\computer Specify the target computer.
/t xxx       Set the time-out period before shutdown to xxx seconds.
             The valid range is 0-315360000 (10 years), with a default of 30.
             If the timeout period is greater than 0, the /f parameter is
             implied.
/c "comment" Comment on the reason for the restart or shutdown.
             Maximum of 512 characters allowed.
/f           Force running applications to close without forewarning users.
             The /f parameter is implied when a value greater than 0 is
             specified for the /t parameter.
/d [p|u:]xx:yy Provide the reason for the restart or shutdown.
             p indicates that the restart or shutdown is planned.
             u indicates that the reason is user defined.
             If neither p nor u is specified the restart or shutdown is
             unplanned.
```

12.Systeminfo

```
Command Prompt

C:\Users\G R Nitin>systeminfo

Host Name: LAPTOP-AT8140LJ
OS Name: Microsoft Windows 10 Home Single Language
OS Version: 10.0.19042 N/A Build 19042
OS Manufacturer: Microsoft Corporation
OS Configuration: Standalone Workstation
OS Build Type: Multiprocessor Free
Registered Owner: G R Nitin
Registered Organization: N/A
Product ID: 00327-35041-70771-AAOEM
Original Install Date: 24-09-2021, 01:43:10
System Boot Time: 12-11-2021, 17:55:24
System Manufacturer: ASUSTeK COMPUTER INC.
System Model: ASUS TUF Dash F15 FX516PC_FX516PCZ
System Type: x64-based PC
Processor(s): 1 Processor(s) Installed.
[01]: Intel(R) Core(TM) i5-11300H Processor 2.40 GHz
BIOS Version: American Megatrends International, LLC. FX516PC.309, 20-08-2021
Windows Directory: C:\Windows
System Directory: C:\Windows\system32
Boot Device: \Device\HarddiskVolume1
System Locale: en-us;English (United States)
Input Locale: 00000409
Time Zone: (UTC+05:30) Chennai, Kolkata, Mumbai, New Delhi
Total Physical Memory: 16,062 MB
Available Physical Memory: 9,569 MB
Virtual Memory: Max Size: 18,494 MB
Virtual Memory: Available: 10,140 MB
Virtual Memory: In Use: 8,354 MB
Page File Location(s): C:\pagefile.sys
Domain: WORKGROUP
Logon Server: \\LAPTOP-AT8140LJ
Hotfix(s): 8 Hotfix(s) Installed.
[01]: KB5006365
[02]: KB4534170
[03]: KB4537759
[04]: KB4545706
[05]: KB4562830
[06]: KB4598481
[07]: KB5006670
[08]: KB5005699
Network Card(s): 5 NIC(s) Installed.
[01]: Intel(R) Wi-Fi 6 AX201 160MHz
Connection Name: Wi-Fi
DHCP Enabled: Yes
DHCP Server: 192.168.43.1
IP address(es):
[01]: 192.168.43.8
```

13.System File Checker

```
Administrator: Command Prompt

Microsoft Windows [Version 10.0.19042.1288]
(c) Microsoft Corporation. All rights reserved.

C:\Windows\system32>sfc

Microsoft (R) Windows (R) Resource Checker Version 6.0
Copyright (C) Microsoft Corporation. All rights reserved.

Scans the integrity of all protected system files and replaces incorrect versions with
correct Microsoft versions.

SFC [/SCANNOW] [/VERIFYONLY] [/SCANFILE=<file>] [/VERIFYFILE=<file>]
[/OFFWINDIR=<offline windows directory> /OFFBOOTDIR=<offline boot directory> [/OFFLOGFILE=<log file path>]]

/SCANNOW Scans integrity of all protected system files and repairs files with
problems when possible.
/VERIFYONLY Scans integrity of all protected system files. No repair operation is
performed.
/SCANFILE Scans integrity of the referenced file, repairs file if problems are
identified. Specify full path <file>
/VERIFYFILE Verifies the integrity of the file with full path <file>. No repair
operation is performed.
/OFFBOOTDIR For offline repair, specify the location of the offline boot directory
/OFFWINDIR For offline repair, specify the location of the offline windows directory
/OFFLOGFILE For offline repair, optionally enable logging by specifying a log file path

e.g.

sfc /SCANNOW
sfc /VERIFYFILE=c:\windows\system32\kernel32.dll
sfc /SCANFILE=d:\windows\system32\kernel32.dll /OFFBOOTDIR=d:\ /OFFWINDIR=d:\windows
sfc /SCANFILE=d:\windows\system32\kernel32.dll /OFFBOOTDIR=d:\ /OFFWINDIR=d:\windows /OFFLOGFILE=c:\log.txt
sfc /VERIFYONLY

C:\Windows\system32>
```

14.Tasklist

```
Command Prompt

C:\Users\G R Nitin>Tasklist

Image Name                    PID Session Name        Session#    Mem Usage
=====
System Idle Process           0 Services            0             8 K
System                        4 Services            0          2,076 K
Registry                     124 Services           0         84,412 K
smss.exe                      736 Services           0           692 K
csrss.exe                     1016 Services           0          5,368 K
wininit.exe                   836 Services           0          5,860 K
services.exe                  1044 Services           0         13,408 K
lsass.exe                     1064 Services           0         28,140 K
fontdrvhost.exe              1184 Services           0           3,764 K
svchost.exe                   1216 Services           0         41,016 K
WUDFHost.exe                  1224 Services           0           6,164 K
WUDFHost.exe                  1300 Services           0         19,044 K
svchost.exe                   1380 Services           0         22,448 K
svchost.exe                   1500 Services           0           8,048 K
svchost.exe                   1692 Services           0          7,348 K
svchost.exe                   1708 Services           0          9,076 K
svchost.exe                   1800 Services           0          9,708 K
svchost.exe                   1836 Services           0         14,888 K
svchost.exe                   1924 Services           0          7,584 K
svchost.exe                   1940 Services           0         12,244 K
svchost.exe                   1948 Services           0          9,332 K
svchost.exe                   1956 Services           0         11,028 K
svchost.exe                   840 Services           0         10,856 K
svchost.exe                   1496 Services           0          7,888 K
svchost.exe                   2056 Services           0          4,628 K
svchost.exe                   2072 Services           0          6,324 K
svchost.exe                   2088 Services           0          6,592 K
svchost.exe                   2156 Services           0         20,528 K
svchost.exe                   2376 Services           0          7,576 K
svchost.exe                   2428 Services           0         12,660 K
svchost.exe                   2456 Services           0          9,268 K
lgfxUIServiceN.exe           2588 Services           0          7,904 K
WUDisplay.Container.exe       2636 Services           0         18,488 K
svchost.exe                   2732 Services           0          9,768 K
AsusCertService.exe          2764 Services           0          6,344 K
svchost.exe                   2916 Services           0         14,036 K
svchost.exe                   2924 Services           0          4,092 K
svchost.exe                   3008 Services           0          6,472 K
Memory Compression           3016 Services           0          24,384 K
svchost.exe                   3020 Services           0          6,972 K
svchost.exe                   2236 Services           0          9,972 K
svchost.exe                   3152 Services           0         32,100 K
svchost.exe                   3272 Services           0         13,744 K
svchost.exe                   3392 Services           0         19,748 K
wfeems.exe                   3424 Services           0         13,740 K
```

15.Taskkill

```
Command Prompt

ERROR: The process "18400" not found.

C:\Users\G R Nitin>taskkil -pid 506
'taskkil' is not recognized as an internal or external command,
operable program or batch file.

C:\Users\G R Nitin>
```


16.Dir

```
Command Prompt
C:\Users\G R Nitin>dir
Volume in drive C is OS
Volume Serial Number is F8D6-4FAE

Directory of C:\Users\G R Nitin


28-10-2021  18:59    <DIR>          .
28-10-2021  18:59    <DIR>          ..
01-11-2021  16:23    <DIR>          .VirtualBox
24-09-2021  01:47    <DIR>          3D Objects
24-09-2021  01:47    <DIR>          Contacts
15-11-2021  14:32    <DIR>          Desktop
09-11-2021  12:36    <DIR>          Documents
15-11-2021  16:38    <DIR>          Downloads
24-09-2021  01:47    <DIR>          Favorites
24-09-2021  01:47    <DIR>          Links
24-09-2021  01:47    <DIR>          Music
15-11-2021  14:38    <DIR>          OneDrive
15-11-2021  16:33    <DIR>          Pictures
24-09-2021  01:47    <DIR>          Saved Games
24-09-2021  01:48    <DIR>          Searches
01-11-2021  09:28    <DIR>          Videos
01-11-2021  16:20    <DIR>          VirtualBox VMs
             0 File(s)          0 bytes
             17 Dir(s)  898,607,812,608 bytes free

C:\Users\G R Nitin>
```

17.Chdir

```
Command Prompt
C:\Users\G R Nitin>chdir
C:\Users\G R Nitin
C:\Users\G R Nitin>
```


18.Mkdir



```
Command Prompt
C:\Users\G R Nitin>mkdir -nitin
C:\Users\G R Nitin>
```

A screenshot of a Windows Command Prompt window. The title bar reads "Command Prompt". The command prompt shows the user is in the directory "C:\Users\G R Nitin". The command "mkdir -nitin" has been entered and executed, creating a new directory named "-nitin". The prompt then returns to "C:\Users\G R Nitin>".

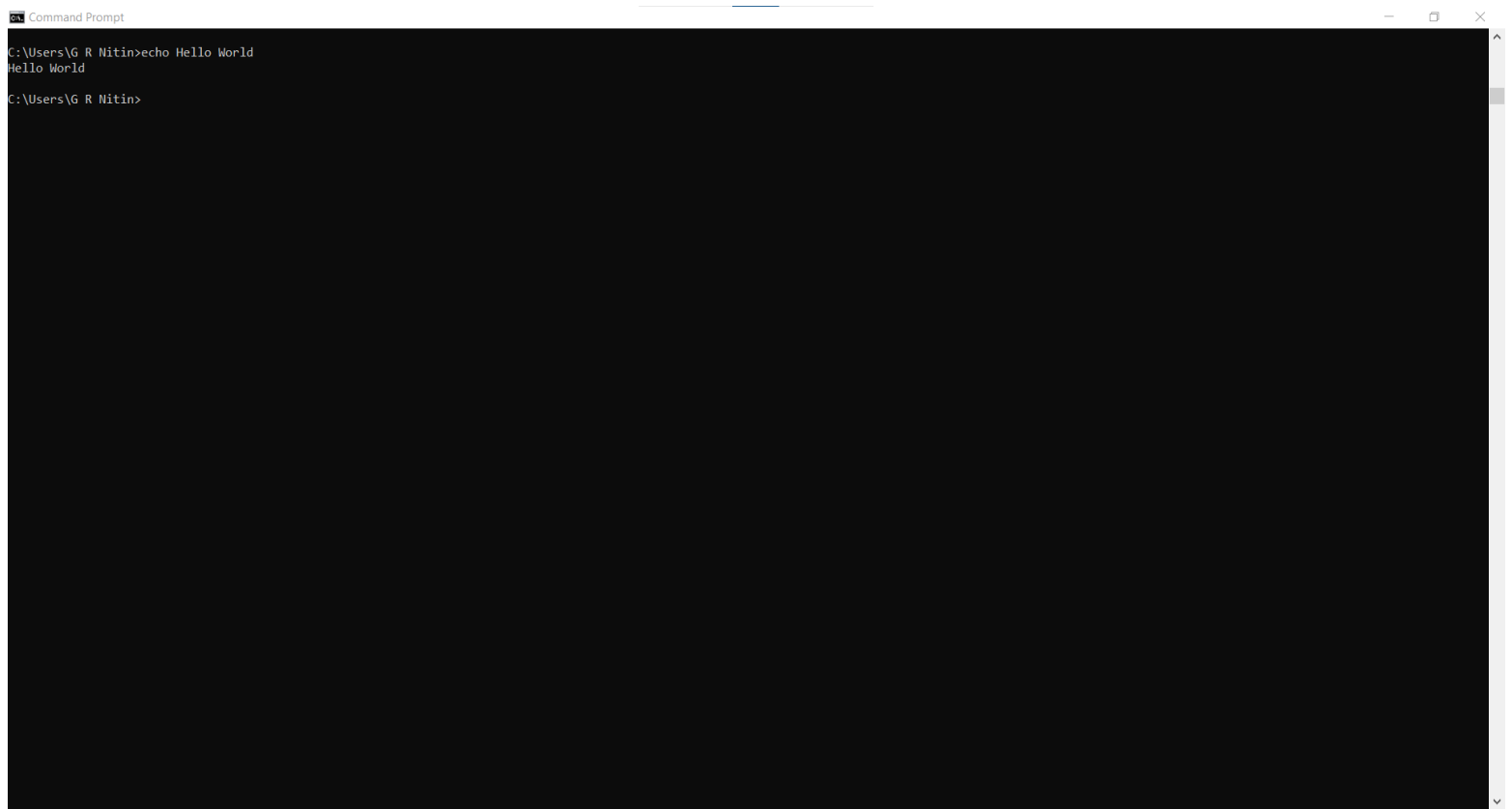
19.Rmdir



```
Command Prompt
C:\Users\G R Nitin>rmdir -nitin
C:\Users\G R Nitin>
```

A screenshot of a Windows Command Prompt window. The title bar reads "Command Prompt". The command prompt shows the user is in the directory "C:\Users\G R Nitin". The command "rmdir -nitin" has been entered and executed, removing the directory "-nitin". The prompt then returns to "C:\Users\G R Nitin>".

20.Echo



```
Command Prompt
C:\Users\G R Nitin>echo Hello World
Hello World
C:\Users\G R Nitin>
```

The image shows a Windows Command Prompt window with a black background and white text. The title bar at the top reads "Command Prompt". The command prompt shows the user's current directory as "C:\Users\G R Nitin". The user has entered the command "echo Hello World", and the output "Hello World" is displayed on the next line. The prompt "C:\Users\G R Nitin>" is shown again, indicating the command has been executed successfully.