**Systems-RAA (Run As Administrator)**

**File and Folder Management:**

| **Command** | **Description** |
| --- | --- |
| **?** | Help or sometimes shows related commands to some commands. |
| **ls** | Showing all the existing folders in current directory |
| **cd** | - To change directory - cd directory-name. |
| **copy** | Copies files to another location |
| **dir** | List directory content. |
| **del** | Used to delete one or more files. |
| **expand** | Decompresses compressed files. |
| **fc** | File compare- fc a.txt b.txt. |
| **find** | Find files. |
| **ftype** | Display file type and mapping. |
| **mkdir** | Make a directory. |
| **move** | Moves files from one folder to another. |
| **print** | Prints out the text file contents. |
| **rm** | - File remove from any directory - rm file-name. |
| **rd rmdir** | - Removes the directory - rmdir [dir] - rd [dir] |
| **rmdir /s** | - Remove all the Subfolder from any Main-Folder - rmdir /s folder-name. |
| **dir /a** | This command is help to find all the hidden directories |
| **ren** | Rename. |
| **replace** | Replaces files in one directory with files of the same name in another directory. |
| **robocopy** | Uses an advanced tool to copy files and directories. |
| **tree** | Show all system folder in tree manner. |
| **type** | Displays the contents of text files. |
| **xcopy** | The xcopy command can copy one or more files or directory trees from one location to another. |

**Applications and Processes:**

| **Command** | **Description** |
| --- | --- |
| **schtasks** | Executes a command or start a scheduled application (Task Scheduler). |
| **shutdown** | - Shutdown your computer, control system shutdown using additional commands - shutdown - shutdown/? - shutdown/i |
| **tasklist** | Display a list of currently-running tasks |
| **taskkill** | - Kills the running task - taskkill /im [programme-name] - taskkill /im notepad.exe - taskkill /f /im notepad.exe |
| **reg** | Starts registry editor |
| **runas** | Launches the task as another user |

**Disk Management:**

| **Command** | **Description** |
| --- | --- |
| **chkdsk** | - Scan the disk/drive errors - chkdsk [disk-name]: - chkdsk C: |
| **defrag** | Starts disk defragmentation. |
| **compact** | Displays and change the compression of files in NTFS partitions. |
| **format** | Formats the disk. |
| **Recover** | Recovers data from a bad or damaged disk. |
| **sfc** | - System file checker, scans all system files and repairs them if required - sfc /scannow |
| **vol** | Displays volume label and serial number for the disk. |
| **wmic logicaldisk get name** | Get all the drive name |
| **diskmgmt.msc** | Open disk-management system from command prompt |

**System Information:**

| **Command** | **Description** |
| --- | --- |
| **date** | Show/Set date. |
| **hostname** | Shows hostname of the computer. |
| **powercfg** | - Gives report of the power setting - powercfg /? - powercfg /list |
| **systeminfo** | To get system-related information. |
| **time** | Displays or sets the system time. |
| **ver** | Display operating system version. |
| **finger** | Information about the user. |
| **whois** | This command is useful when users want to find the domain name or the IP address. |
| **ftp** | Transfer file to a ftp server. |
| **getmac** | Display mac address. |
| **mode** | Used to configure system devices. |
| **print** | Print a specified text file to a specified printing device. |

**Network:**

| **Command** | **Description** |
| --- | --- |
| **ipconfig** | Display IP network settings. |
| **ping** | - Test the ability of the source computer to reach a specified destination computer - Show the list of ***usage*** and ***options*** in cmd - Get a response from the website network - ping [website name] - ping [ip address] |
| **nslookup** | Finds IP address by resource name. |
| **route** | This command is used to check and make changes to the route table of the computer. |
| **arp** | Shows a table with IP addresses converted into physical addresses. |
| **netsh** | - Allows you to display or modify the network configuration of a computer that is currently running - Commands used for various properties related to network - netsh *(step-1)* - netsh> /? |
| netsh wlan | - Command extension to the netsh - netsh *(step-1)* - netsh> wlan /? |

**Command Line Setup:**

| **Command** | **Description** |
| --- | --- |
| cls | Clear screen. |
| color | Changes text and background color. |
| echo | Print the after echo text once. |
| prompt | Changes the command line prompt (print the after text until you close the cmd) |
| pause | Pause your window until you press any key. |
| title | Title your command prompt. |
| timeout xxx | Countdown wait in terminal- xxx in seconds. |
| exit | Exit from the cmd window. |
| reset | The reset command executed as reset session. |