TRIBHUVAN UNIVERSITY

**PATAN MULTIPLE CAMPUS**

LAB REPORT ON: IIT

LAB REPORT NO: 01

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| ROLL NO: 23 |  |
| DATE: 2080/10/22  **TITLE: FAMILIARIZATION WITH MS-DOS**  **THEORY**  INTRODUCTION  MS-DOS is a single user operating system developed by IBM and Microsoft in 1981. It is a text based operating system. It is also known as CUI (Character or Command User Interface). It consists of some internal and external commands.  How to open MS-DOS?   * Go to run or search option * Type the application file name ‘cmd’ or ‘command prompt’ * Click enter or OK button   ADVANTAGES   * Lightweight and efficient * Fast performance * Direct hardware access * Batch scripting for automation * High stability * Broad compatibility   DISADVANTAGES   * Limited graphical interface * Outdated features * Steeper learning curve * Less multitasking capability * Restricted multimedia functions * Less user-friendly compared to GUI OS   FEATURES   * Command-line interface * File management * Batch processing * Text editing * Memory management * System configuration * Device drivers   **COMMANDS** **Some Internal Commands**  1. **Cls –** to clear the screen   **Syntax:** C:\>cls  **OUTPUT:**  **Before using command**    **After using command**     1. **Dir –** to see directories and files   **Syntax:** C:\>dir  **OUTPUT**     1. **Md –** to make a new directory   **Syntax:** C:\>md <directory\_name>  **OUTPUT**     1. **Rd –** to remove a directory   **Syntax:** C:\>rd <directory\_name>  **OUTPUT:**     1. **Cd –** to change drive or path name   **Syntax:**   * 1. **To change drive or path name one by one**   C:\>cd..  **Eg:**  C:\BIT\users>cd..  C:\BIT>   * 1. **To change drive or path name at once**   C:\BIT\users>cd\  C:\>  **OUTPUT:**     1. **Ver –** to see version of windows   **Syntax:**  C:\>ver  **OUTPUT:**     1. **Vol –** to see volume label or serial number   **Syntax:** C:\>vol  **OUTPUT:**     1. **Date and time –** to see or enter current date and time   **Syntax:**  C:\>date  C:\>time  **OUTPUT:**     1. **Copy con –** to create a new file   **Syntax:**  C:\>copy con <file\_name>  **OUTPUT:**     1. **Ren –** to rename a file   **Syntax:**  C:\>ren <old\_name> <new\_name>  **OUTPUT**:     1. **Copy –** to copy file from one location to another   **Syntax:**  C:\>copy <source> <destination>  **OUTPUT:**     1. **Type –** to see or display the content of a file   **Syntax:**  C:\>type <file\_name>  **OUTPUT:**     1. **Del –** to delete a file   **Syntax:**  C:\>del <file\_name>  **OUTPUT:**   **Some External Commands**  1. **Chkdsk –** to check the disk status   **Syntax:** C:\>chkdsk <drive\_letter>  **OUTPUT:**     1. **Format –** to delete the content of a drive   **Syntax:** C:\>format <drive\_letter>   1. **Tree –** to see tree structure   **Syntax:** C:\>tree <drive\_letter>  **OUTPUT:**     1. **Attrib –** too see and change the properties of a file   **Syntax:**   1. **To hide a file**   C:\>attrib +h <file\_name>  **OUTPUT:**     1. **To unhide a file**   C:\>attrib -h <file\_name>  **OUTPUT:**     1. **To make file read-only**   C:\>attrib +r <file\_name>  **OUTPUT:**     1. **To remove read-only attribute**   C:\>attrib -r <file\_name>  **OUTPUT:**       1. **To view attribute of a file**   C:\>attrib <file\_name>  **OUTPUT:** | |
| 1. **Path -** Sets or displays directories that will be searched for programs not in the current directory.   **OUTPUT:** | |

**CONCLUSION:**

By doing this lab, we have used different internal and external commands to see how MS-DOS works and what we can do with it. We have learned to open MS-DOS and perform several operations through it like creating and deleting file and directories, navigating between directories and setting and removing different attributes on a file.