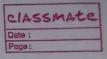
Assignment No. 8



Title = implement Dos command

problem statement: Write x86 many-driven assembly

language program to implement OS

(DOS) Commands TYPE, copy & DELETE

uging file operations. Usee suppose to

provide command line argument in

all cases.

Objective :-

To understand how to implement Os (Dos) command using file operation.

Outcome:

Student will study different DOS commands
& file operations.

SIW & hIW used:

Core 13/15/17
OS linux 32/64 bit
NASM
qedit

CDB debugger

Theory.

TYPE (ommand:

- open file in read mode using open interrupt.

- Read the content of file using read interrupt.

- Display content of file using write interrupt.
- close file using close interrupt.

Copy command=

- Open file in read mode wing open interrupt.
- Read content of file using read interrupt.
- create another file using read interrupt.

- Open another file wing open interrupt.

- write the content of buffer into opened

file.

- dose both files using close interrupt.

DELETTE Command .

- Delete the file wing DELETE interrupt.

Das commands -

Dos commands ore command available in Ms. Dos that are used to interact with Os & other command-line boyed slw.

Unlike the windows. Dos commands are primary way in which you are the os win & and other modern os use graphics based system designed for touch or mouse.

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Algorithm :

- · COPY command
 - i) Start
 - ii) pop no of arguments, exec arguments & source
 - iii) save source file name
 - iv) pop dyfination filename
 - v) save destination filename
 - ui) open file for reading
 - vii) open of create file for writing
 - viii) close soura file.
 - ix) close distinution file
 - x) Exit.

· DELETE command:

- in) start
 in) pap no of arguments, exec arguments & soure filename
 in) save source file name
 - in Delete file
 - y) Exit

