

Experiment 10

(1)

POA Experiment 10

Page No.	
Date	

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Aim : Dos Interrupts

Theory :

DOS includes several built in programs for various system related operations.

A user can use these programs by using special software interrupt instruction INT.

The INT instruction calls in DOS interrupt service routine to perform a special task

INT Interrupt Number

List of services through INT21h

Input-Output

File Handling

Memory Management

They are also called 'MS-DOS' function calls

The execution of an INT instructions causes an interrupt service routine to be executed

To specify which sub-function is to be executed under a particular interrupt number, the AH register is assigned a sub-function number before the execution of INT instruction

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Page No.	
Date	

DOS Function Call	Interrupt No.
Terminate Program	4C00H
Character input with echo	01H
Character input without echo	08H
Characters output	02H

Conclusion : Thus, we understood & implemented DOS interrupts.

