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ROLL.N0:62
SE-4-D

# EXPERIMENT NO-1:

**Aim:** Write a program to display message using DOS interrupts.

## SOURCE CODE:

```
data segment
msg db 0dh,0ah,"hello$"
data ends


code segment
assume cs:code,ds:data
start: mov ax,data
      mov ds,ax
      mov ah,09h
      mov dx,offset msg
      int 21h
      mov ah,4ch
      int 21h
code ends
end start
```

# OUTPUT:

```
DOSBox 0.74-3, Cpu speed:    3000 cycles, Frameskip  0, Program:  DOSBOX        —   □   ×
Microsoft (R) MASM Compatibility Driver
Copyright (C) Microsoft Corp 1993.  All rights reserved.

 Invoking: ML.EXE /I. /Zm /c /Ta prog1.asm

Microsoft (R) Macro Assembler Version 6.11
Copyright (C) Microsoft Corp 1981-1993.  All rights reserved.

 Assembling: prog1.asm

C:\MASM\BIN>link prog1.obj

Microsoft (R) Segmented Executable Linker  Version 5.31.009 Jul 13 1992
Copyright (C) Microsoft Corp 1984-1992.  All rights reserved.

Run File [prog1.exe]:
List File [nul.map]:
Libraries [.lib]:
Definitions File [nul.def]:
LINK : warning L4021: no stack segment

C:\MASM\BIN>prog1

hello
C:\MASM\BIN>
```