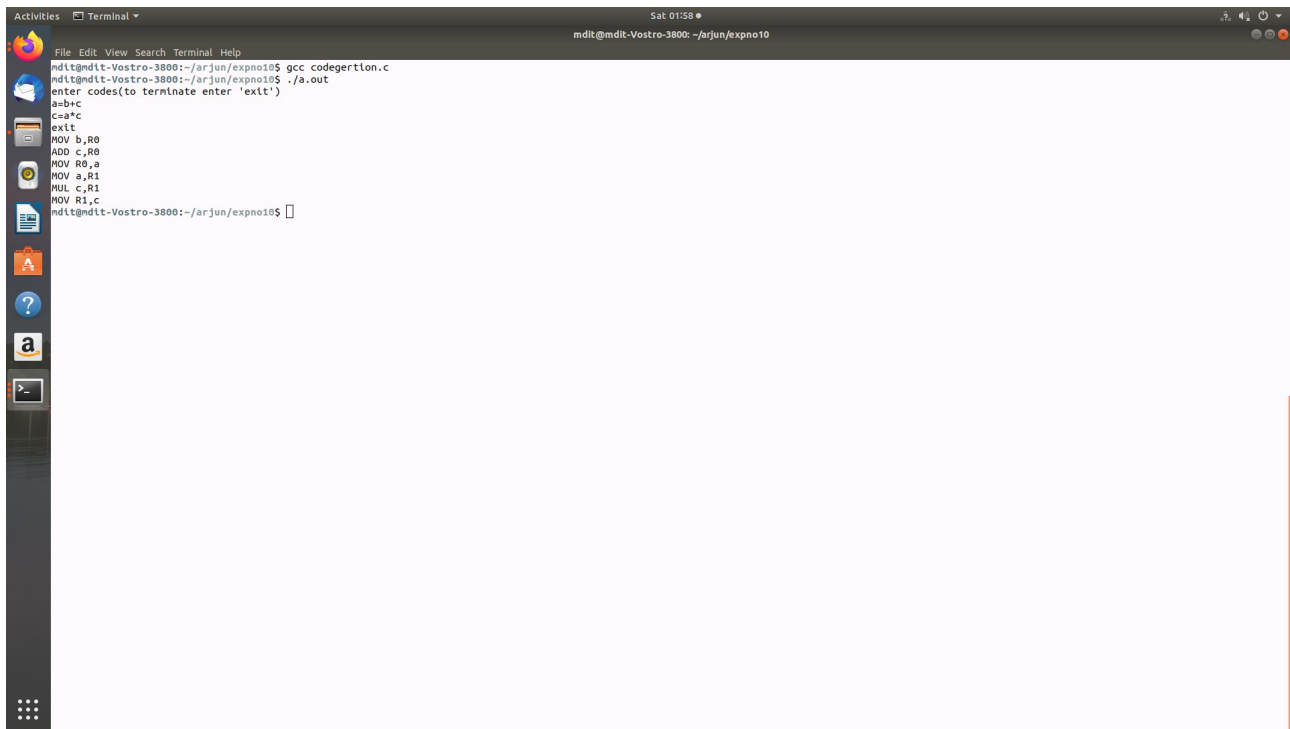


# output



A terminal window titled "Terminal" with a menu bar (File, Edit, View, Search, Terminal, Help) and a status bar (mdlt@mdlt-Vostro-3800: ~/arjun/expno10). The terminal shows the following sequence of commands and output:

```
mdlt@mdlt-Vostro-3800:~/arjun/expno10$ gcc codegertton.c
mdlt@mdlt-Vostro-3800:~/arjun/expno10$ ./a.out
enter codes(to terminate enter 'exit')
a=b*c
c=a*c
exit
MOV b,R0
ADD c,R0
MOV R0,a
MOV a,R1
MUL c,R1
MOV R1,c
mdlt@mdlt-Vostro-3800:~/arjun/expno10$
```

The terminal output displays assembly instructions: MOV b,R0, ADD c,R0, MOV R0,a, MOV a,R1, MUL c,R1, and MOV R1,c. The prompt mdlt@mdlt-Vostro-3800:~/arjun/expno10\$ is visible at the bottom.

output:

1)consprog.s:

```
.file "consprog.c"
.text
.section .rodata
.LC0:
.string"vlaueis%d\n"
.text
.globl main
.type main, @function
main:
.LFB0:
.cfi_startproc
pushq %rbp
.cfi_def_cfa_offset 16
.cfi_offset 6, -16
movq %rsp, %rbp
.cfi_def_cfa_register 6
subq $16, %rsp
movl $30, -12(%rbp)
movl $5, -8(%rbp)
movl -8(%rbp), %edx
movl %edx, %eax
addl %eax, %eax
addl %edx, %eax
subl $30, %eax
movl %eax, -4(%rbp)
movl -4(%rbp), %eax
movl %eax, %esi
leaq .LC0(%rip), %rdi
movl $0, %eax
call printf@PLT
movl $0, %eax
leave
.cfi_def_cfa 7, 8
ret
.cfi_endproc
.LFE0:
.size main, .-main
.ident "GCC: (Ubuntu 7.5.0-3ubuntu1~18.04) 7.5.0"
.section .note.GNU-stack,"",@progbits
```

