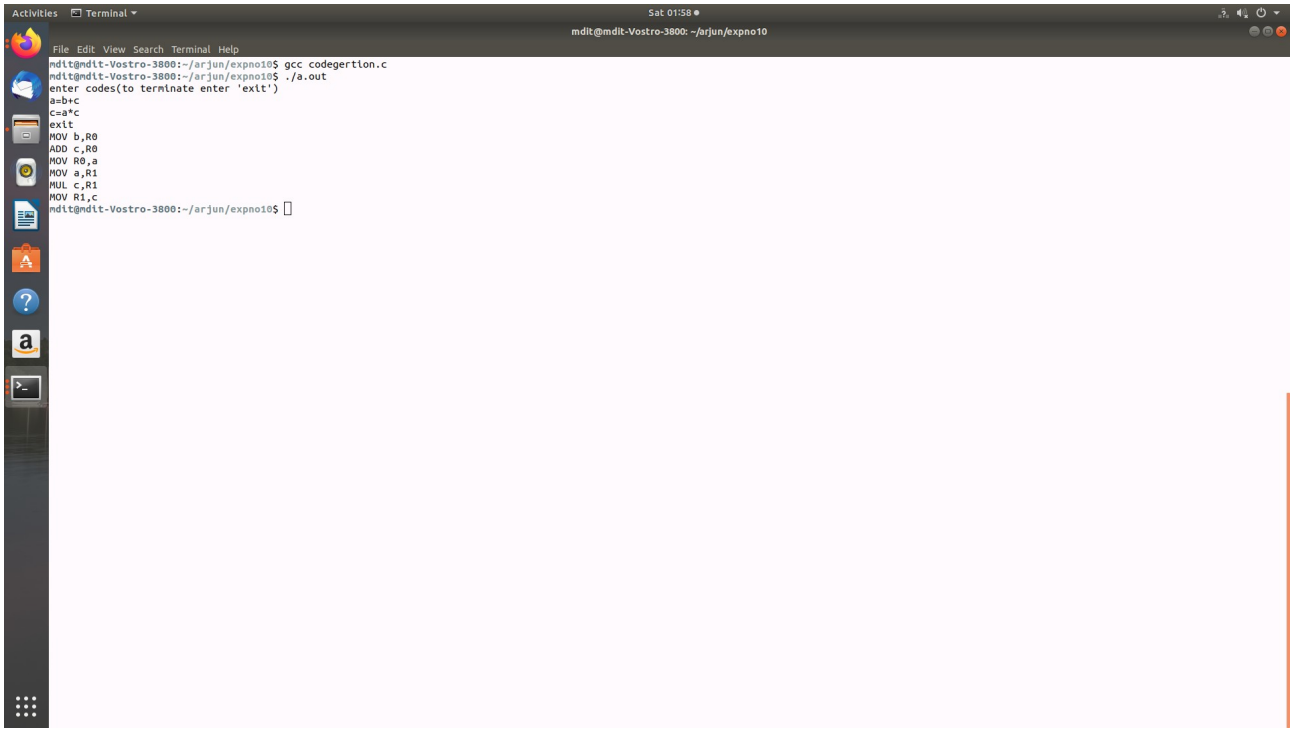
output


Activities
Terminal
Sat 01:58
mdit@mdit-Vostro-3800: ~/arjun/expno10
File Edit View Search Terminal Help
mdit@mdit-Vostro-3800:~/arjun/expno10$ gcc codegertion.c
mdit@mdit-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
mdit@mdit-Vostro-3800:~/arjun/expno10$

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
```