**Coal lab 07**

Name: Syed Muzzamil Waseem

SID: 11067

Question 1

CODE:

;Syed Muzzamil Waseem 11067

;Question 2

Include Irvine32.inc

.data

char1 dword "M"

char2 dword "u"

char3 dword "z"

char4 dword "z"

char5 dword "a"

char6 dword "m"

char7 dword "i"

char8 dword "l"

.code

main proc

push char1

push char2

push char3

push char4

push char5

push char6

push char7

push char8

pop eax

call writechar

call crlf

pop eax

call writechar

call crlf

pop eax

call writechar

call crlf

pop eax

call writechar

call crlf

pop eax

call writechar

call crlf

pop eax

call writechar

call crlf

pop eax

call writechar

call crlf

pop eax

call writechar

call crlf

exit

main endp

end main

OUTPUT

A computer screen capture

Description automatically generated with medium confidence

Question 2

CODE:

;Syed Muzzamil Waseem 11067

;Question 2

include irvine32.inc

.data

val1 sdword 8

val2 sdword 15

val3 sdword 20

.code

main proc

mov eax,val2

neg eax

sub eax,val3

add eax,val1

add eax,7

call writeint

call crlf

exit

main endp

end main

OUTPUT

A computer screen capture

Description automatically generated with medium confidence