**Coal lab 09**

Name: Syed Muzzamil Waseem

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Question 1

CODE:

;Syed Muzzamil Waseem 11067

INCLUDE Irvine32.inc

.data

mess BYTE "Enter 5 Floating Values: "

mess1 BYTE "Output of Given Floating Values is: "

var1 DWORD 5

.code

main proc

mov edx,offset mess

call writestring

call crlf

call readfloat

call showfpustack

call readfloat

call showfpustack

call readfloat

call showfpustack

call readfloat

call showfpustack

call readfloat

call showfpustack

mov edx,offset mess1

call writestring

call crlf

fadd st(0),st(1)

fadd st(0),st(2)

fadd st(0),st(3)

fadd st(0),st(4)

call crlf

call writefloat

fild var1

call showfpustack

call crlf

fdivr st(0),st(1)

call crlf

call writefloat

exit

main ENDP

END main

OUTPUT

A computer screen capture

Description automatically generated with medium confidence