

Devin Hardy

CS 340

5.8.1

1. PUSHAD pushes all 32 bits onto the stack
2. PUSHFD pushes the 32 bit eflags register on the stack
5. mov [esp +4], eax
18. Statement B is true: The program will halt with a runtime error on Line 4
20. array will hold 10, 20, 30, 40

5.8.2

3. Can't figure out
5. Can't figure out

5.9

1.

; This program adds and subtracts 32-bit integers
; and stores the sum in a variable.

INCLUDE Irvine32.inc

.data

val1 byte "I like pie", 0Ah, 0D, 0

.code

main PROC

mov edx, OFFSET val1

call WriteString

mov eax, red

call SetTextColor

call WriteString

mov eax, blue

call SetTextColor

call WriteString

mov eax, yellow

call SetTextColor

call WriteString

exit

main ENDP

END main

