

Question 1

```
TITLE Display Name (main.asm)
INCLUDE Irvine32.inc
```

```
.data
    nameStr BYTE "Evan Hodges", 0
```

```
.code
main PROC
    call ReadInt
    mov bl, al

    call DisplayName
```

```
    exit
main ENDP
```

```
DisplayName PROC
    cmp bl, 0
    je UseBlue
    cmp bl, 1
    je UseRed
```

```
UseBlue:
    mov eax, 1
    call SetTextColor
    jmp PrintName
```

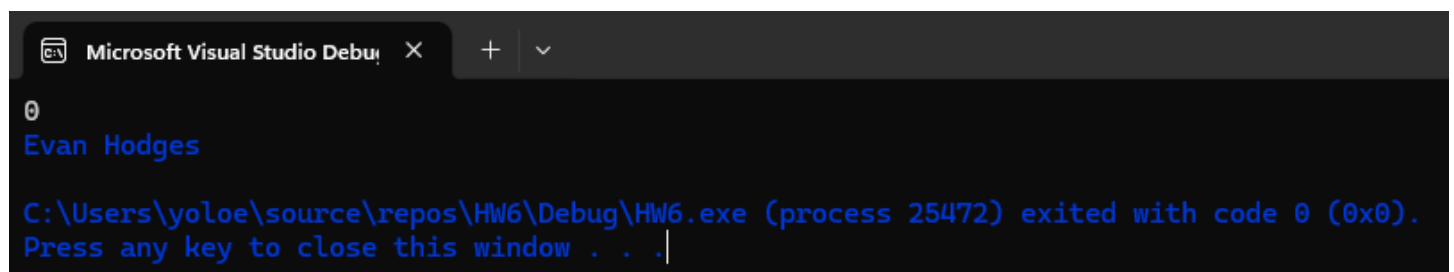
```
UseRed:
    mov eax, 4
    call SetTextColor
```

```
PrintName:

    mov edx, OFFSET nameStr
    call WriteString
    call Crlf

    ret
DisplayName ENDP
```

```
END main
```



```
Microsoft Visual Studio Debug Console
0
Evan Hodges

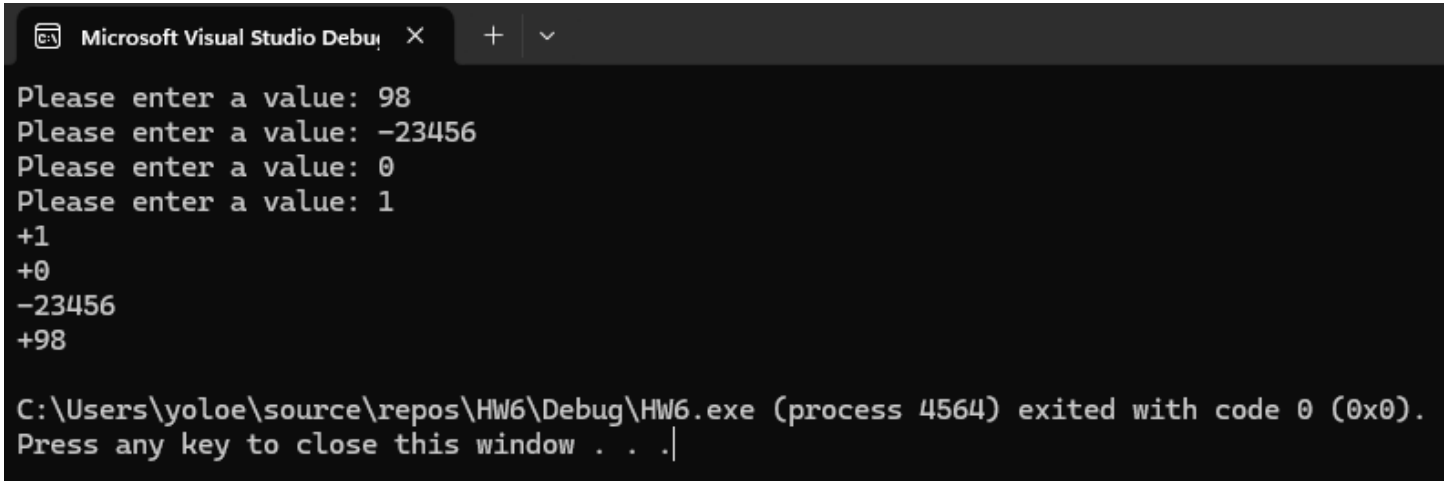
C:\Users\yoloe\source\repos\HW6\Debug\HW6.exe (process 25472) exited with code 0 (0x0).
Press any key to close this window . . .
```

1

Evan Hodges

```
C:\Users\yoloe\source\repos\HW6\Debug\HW6.exe (process 10364) exited with code 0 (0x0).  
Press any key to close this window . . .|
```

Question 2 (Screenshot)



The screenshot shows a Microsoft Visual Studio Debug Console window. The title bar reads "Microsoft Visual Studio Debug Console" with a close button (X) and window controls (+ and v). The console output is as follows:

```
Please enter a value: 98  
Please enter a value: -23456  
Please enter a value: 0  
Please enter a value: 1  
+1  
+0  
-23456  
+98  
  
C:\Users\yoloe\source\repos\HW6\Debug\HW6.exe (process 4564) exited with code 0 (0x0).  
Press any key to close this window . . .|
```