

G:\SUNY Oneonta\Fall 2015\Assembly Language Programming\Programs\Program6\Source Codes\Project3

Please enter a four digit hex number below!  
[PRESS ENTER after input]-----> 8a3f

User Supplied: 8-A-3-F

Hex Number is: 8A3F

Would you like to do it again? (Y/y):

G:\SUNY Oneonta\Fall 2015\Assembly Language Programming\Programs\Program6\Source Codes\Project3

[PRESS ENTER after input]-----> 9B4A

User Supplied: 9-B-4-A

Hex Number is: 9B4A

Would you like to do it again? (Y/y):

G:\SUNY Oneonta\Fall 2015\Assembly Language Programming\Programs\Program6\Source Codes\Proji

[PRESS ENTER after input]-----> 1C5B

User Supplied: 1-C-5-B

Hex Number is: 1C5B

Would you like to do it again? (Y/y):

C:\WINDOWS\system32\cmd.exe

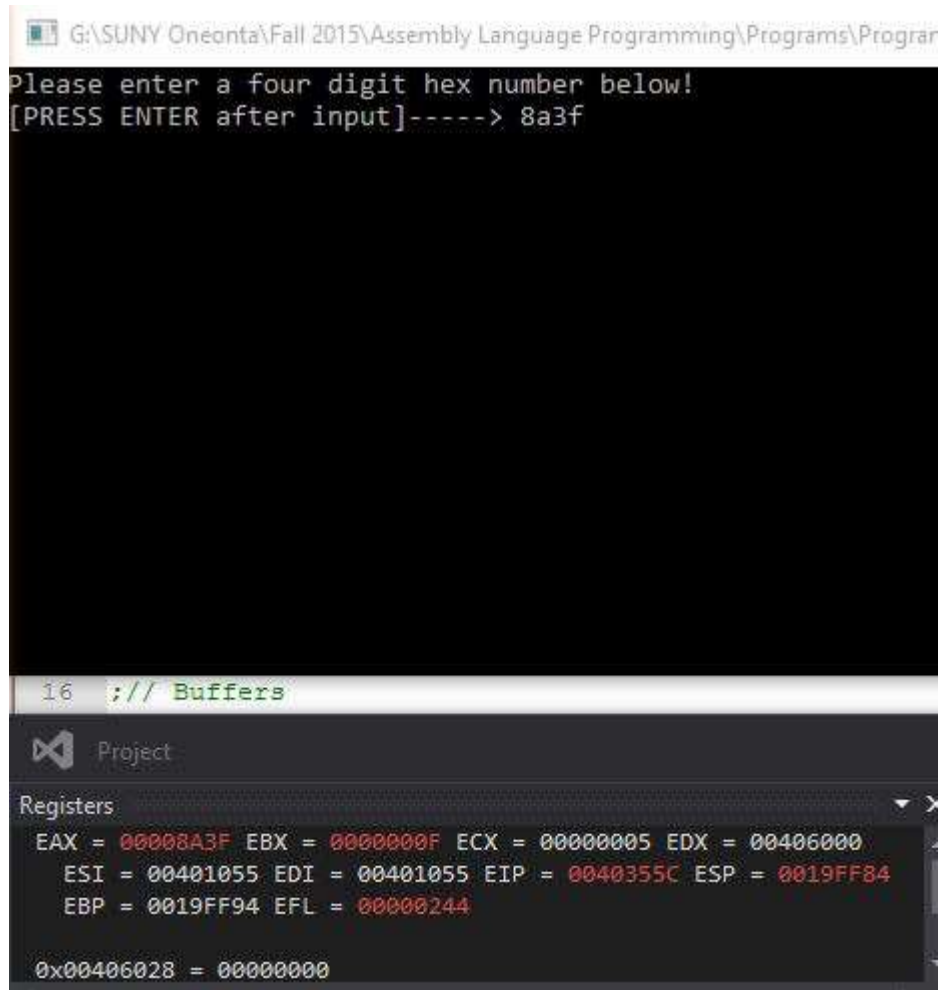
Please enter a four digit hex number below!

[PRESS ENTER after input]-----> 54asd

Error! Invalid Input!

Press any key to continue . . .

After Invoking Proc eax has value of input



The screenshot shows a debugger window with the following components:

- File Explorer:** Displays the path `G:\SUNY Oneonta\Fall 2015\Assembly Language Programming\Programs\Program`.
- Assembly View:** Contains the text `Please enter a four digit hex number below!` and `[PRESS ENTER after input]-----> 8a3f`.
- Code Editor:** Shows line 16 with the instruction `;// Buffers`.
- Registers Window:** Lists the following values:
  - `EAX = 00008A3F`
  - `EBX = 0000000F`
  - `ECX = 00000005`
  - `EDX = 00406000`
  - `ESI = 00401055`
  - `EDI = 00401055`
  - `EIP = 0040355C`
  - `ESP = 0019FF84`
  - `EBP = 0019FF94`
  - `EFL = 00000244`
- Memory Window:** Shows `0x00406028 = 00000000`.