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CS 516

Professor O’Neal

Assignment 5

Chapter 5 #(13,14,19)

13. *Object code:* 12 00 05 00 09 39 00 03 00 zz

*Here:* 0003 *There:* 0005

14. *Object code:* 12 00 07 00 11 00 13 39 00 03 39 00 05 00 zz

*That:* 0005 *This:* 0003 *theOther:* 0007

19.

*Input Processing Output*

*Run 1 B A E*

*Run 2 C E F*

*Run 3 F A G*

*Run 4 G D H*

E = machine code compiler

F = median assembly code

G = median machine code

H = output!

Chapter 6 #(1)

1. Storage for global variables is reserved at a fixed location before the program executes. Storage for local variables is created on the run-time stack during program execution. In local variables, all accesses to the variables use stack-relative addressing instead of direct addressing.