Check-in #28

4n_f:

Write the code that a compiler might output for the following 3AC code:

Assume: a is the first local in f and occupies 8 bytes b is the second local in f and occupies 8 bytes g is a global at label var_g
There are only 2 locals in f

Flipped Wednesday



Administrivia

Project 6

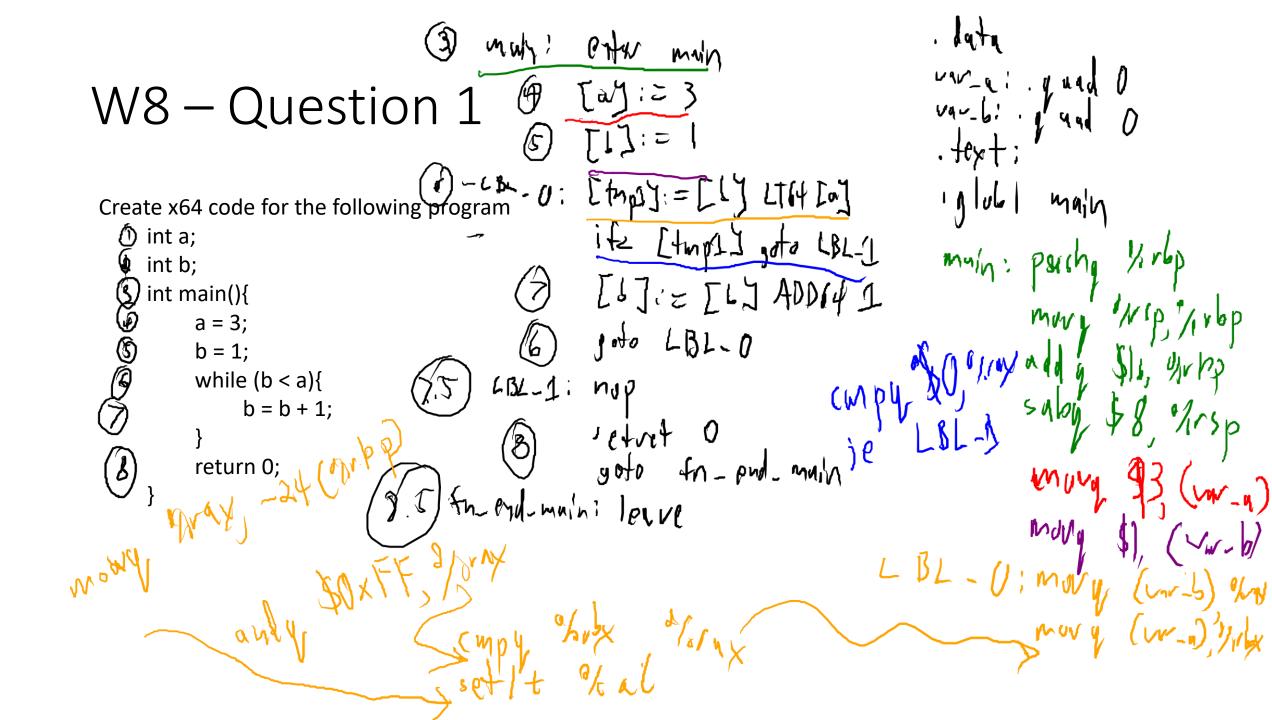
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Mid-semester review: https://compilers.cool/midpoint

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Written Work #8 Topics

Semantics Starting x64



W8 – Question 2

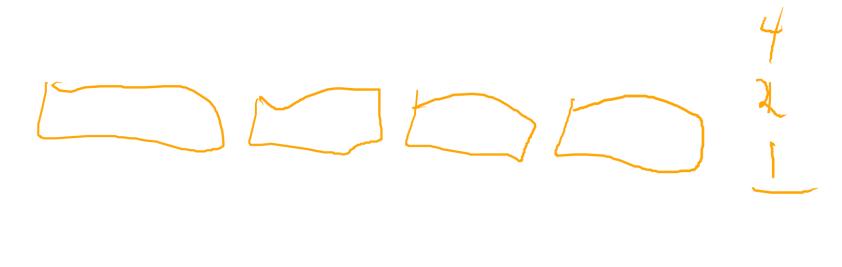
Briefly explain why compilers that use a static allocation scheme have difficulty implementing recursion.

W8 – Question 3

What is a semantic gap?

W8 – Question 4

What is the 2s complement, 4-byte representation of the value 47 in MSB and LSB?



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