

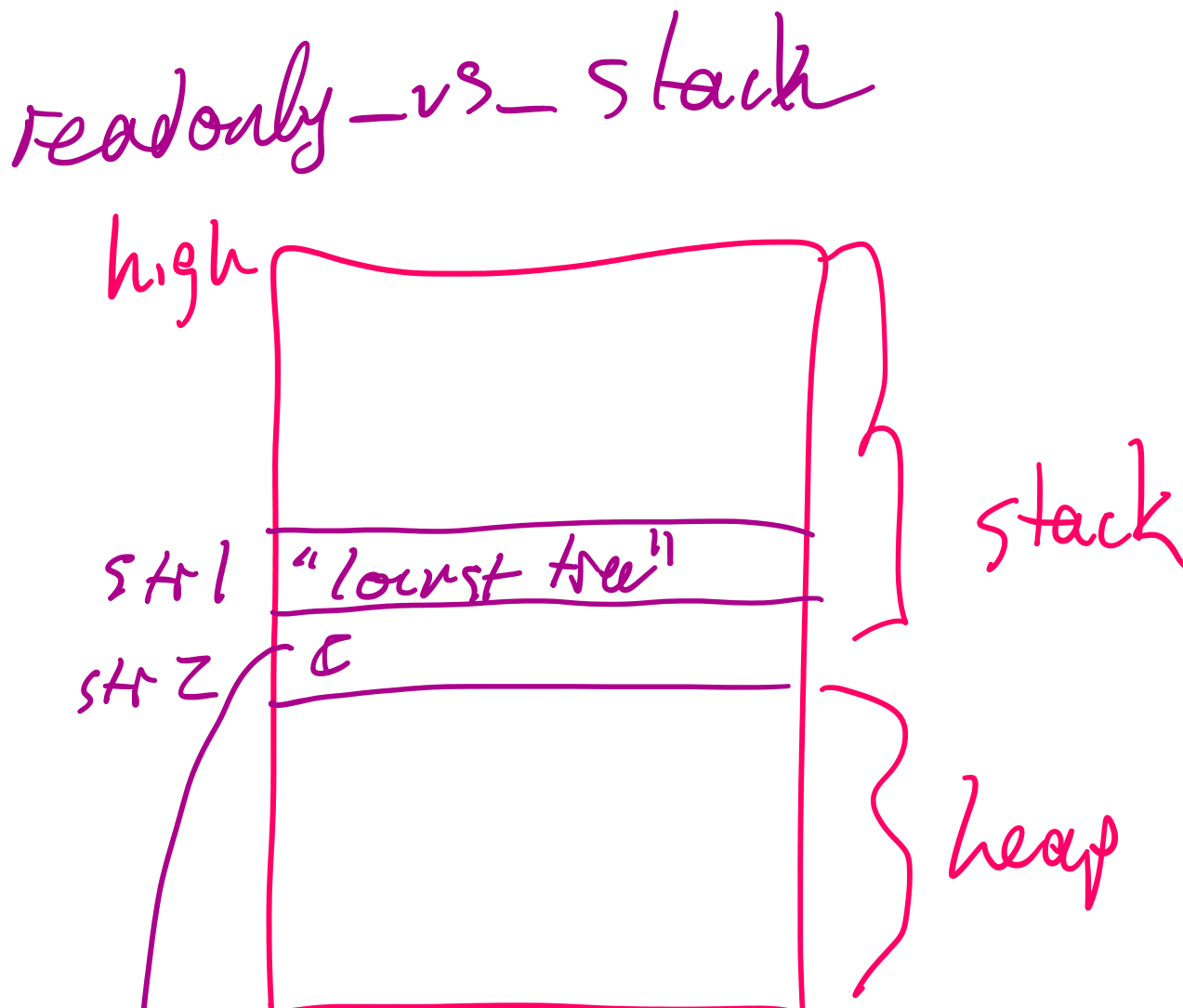
Week 4

Monday, February 22, 2021

12:30

1. Please complete [pointer_mixer.c](#). Part of them are already done in class
 - You can skip the `bye_ordering()` and `pointer_casting()`
 - Review by drawing the memory diagram of `trace_struct_pointers` right before and after calling `bar`. This is already done in class.
 - Explains why the program aborts with "Segmentation Fault".

Please complete the code in [memory_bug4.c](#) following comments. Run the code and check for any memory violation in your code.



before calling `foo, bar`

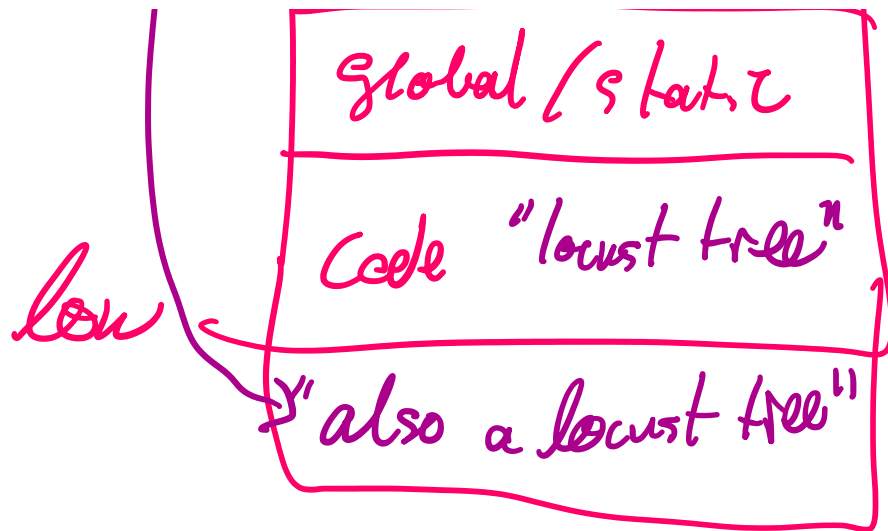
de against Valgrind to

deep copy - has data

`char str1[] = "loose tree"`

`char *str = "also a loose tree"`

shallow copy - only
reference to data



str Z

ce

LO

w/ ch

nee

~449

arr[0] = 't' will

cause seg fault b/c
arr is read only!

when *str you

need to use strcpy