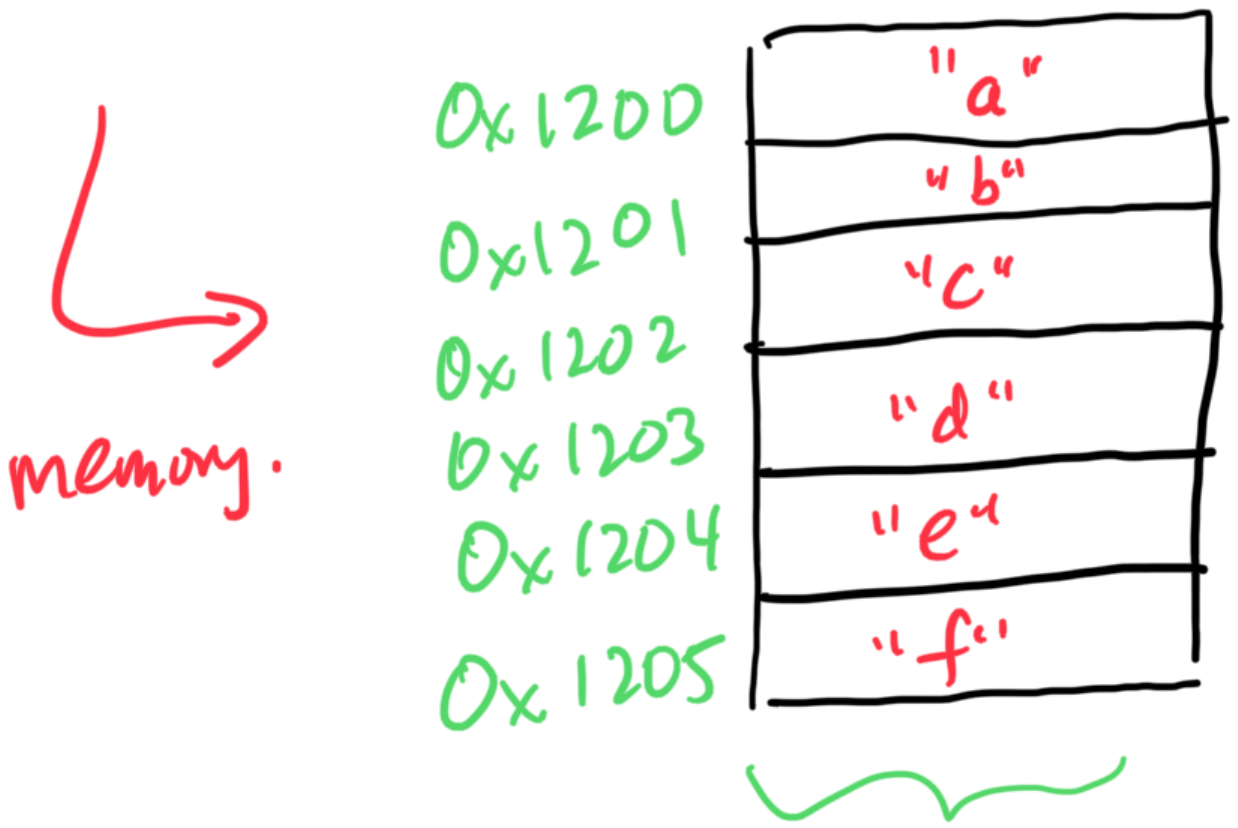
CPSC 250 - Review Cont'd

Strings

→ again, these are technically a "primitive" Python data type, but infact their storage methodology, and implementation, is quite complex.

S1 = "abcdef"



"a" → 8 bit binary representation

→ ASCII codes for single characters.

print (s1) ← prints string s1.

print (id(s1)) ← prints memory location of s1.

Booleans

→ Booleans are actually a sub-class of integers .... thus they are stored like integers.

→ True → 1

  False → ∅

→ They take up either 24/28 bytes in memory, again because they are complicated C-style structures under the hood.

See: primitive-sizes.py for

more information on sizes.