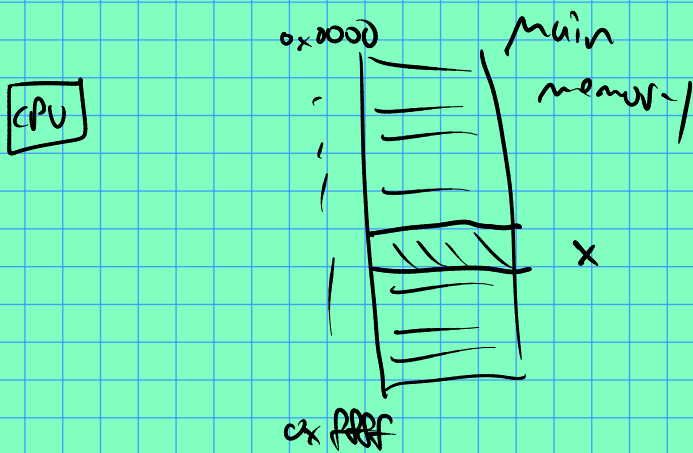


Variables, datatypes, expressions



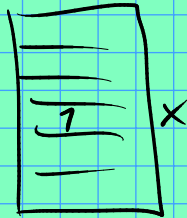
Using memory from C++:

variables: box to hold a value.

datatype: "shape" of the box

Say you want to store an integer:

int x;
↑ ↑
datatype name (identifier)



$x = 7;$



Can also read into x from stdin:

`cin >> x;` // read an int from stdin
 // & store in x .

✓ check on what's in x :

`cout << x;`