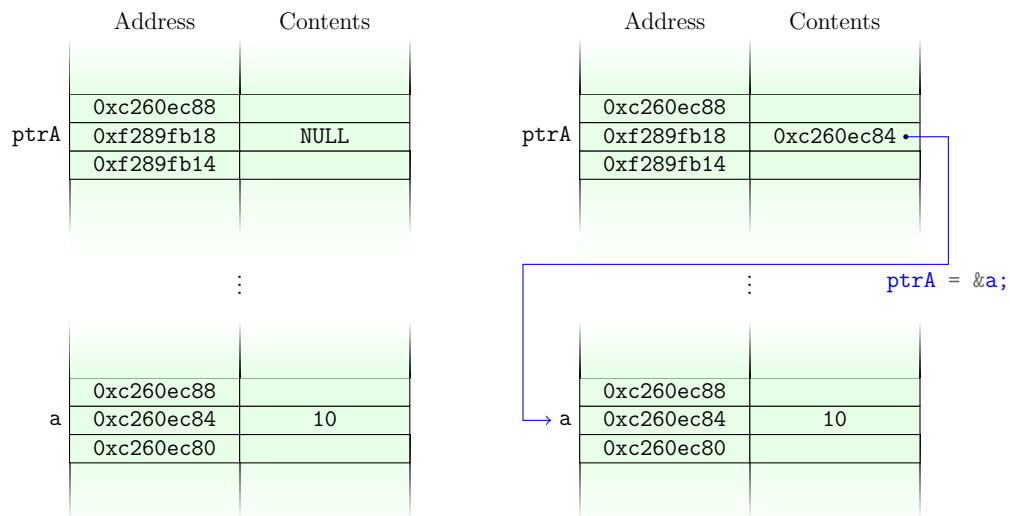
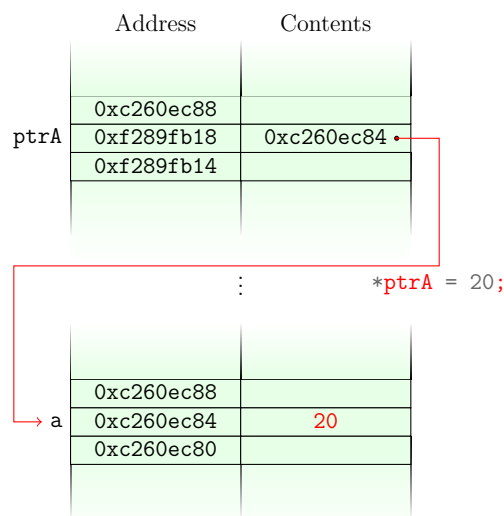


Lorem Ipsum is simply dummy text of the printing and typesetting industry. Lorem Ipsum has been the industry's standard dummy text ever since the 1500s, when an unknown printer took a galley of type and scrambled it to make a type specimen book. It has survived not only five centuries, but also the leap into electronic typesetting, remaining essentially unchanged. It was popularised in the 1960s with the release of Letraset sheets containing Lorem Ipsum passages, and more recently with desktop publishing software like Aldus PageMaker including versions of Lorem Ipsum.



(a) After the first two lines memory has been dedicated for the variable **a** and the pointer variable **ptrA** and their values have been initialized.

(b) Making **ptrA** point to the variable **a**'s memory location. The value stored in the variable **ptrA** is a memory address.



(c) Dereferencing **ptrA** and assigning a value changes the value stored at what it *points* to.

Figure 0.1: Pointer Operations. Pointers can be made to point to other variable's memory locations. You can manipulate/access values of variables via their pointers using dereferencing.