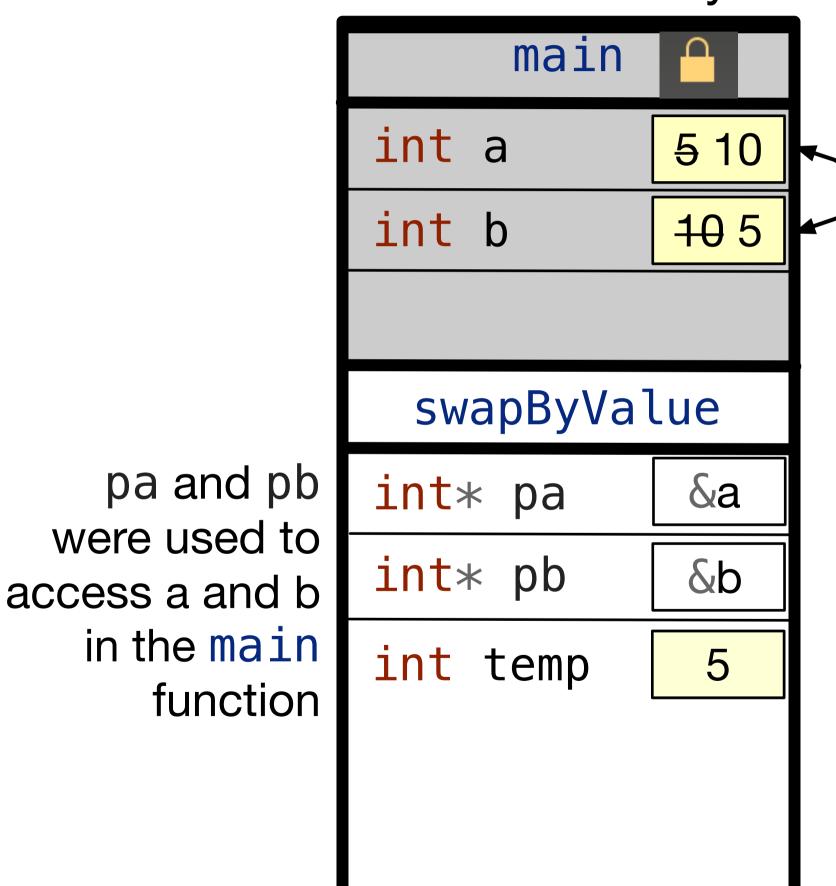


Main memory



```
void swapByValue(int* pa, int* pb);
int main(void) {
  int a = 5, b = 10;
  swapByValue(&a, &b);
  return 0;
void swapByValue(int* pa, int* pb) {
  int temp = *pa; // temp = *(\&a) = a
  *pa = *pb; // *(\&b) = *(\&a) \rightarrow b = a
  *pb = temp; // *(\&b) = temp \rightarrow b = temp
```