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void swap(int *a, int *b) {
    int tmp = *a;
    *a = *b;
                               a: ? x: 3
   *b = tmp;
                             tmp: | ? |
int main() {
    int x = 3, y = 7;
    swap(&x, &y);
                               b: | ? | y: | 7 |
    // => x = 7; y = 3;
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