C prog to swap two numbers using pointers or call by reference.

Algorithm

Step 1: Start

Step 2: Input x, y

Step 3: $a = \&x$

Step 4: $b = \&y$

Step 5: $temp = *b$

Step 6: $*b = *a$

Step 7: $*a = temp$

Step 8: output x, y

Step 9: Stop

Flowchart