5.

void reverse(vector<int>& nums, int s ,int e){

while(s < e){

swap(nums[s], nums[e]);

s++;

e--;

}

}

void rotate(vector<int>& nums, int k) {

k = k % nums.size();

reverse(nums, 0 , nums.size() -1);

reverse(nums, 0 , k -1);

reverse(nums, k , nums.size() -1);

}

