**#C program that uses selection sort to sort an array such that even numbers are sorted in ascending order and odd numbers are sorted in descending order.**

**Solution:**

Code attached in .c file.

**Explanation:**

**Swap Function**:

* The swap function now takes the array and the indices of the elements to swap.
* Instead of using pointers, it directly accesses the elements at the given indices and swaps them.

**Selection Sort Functions**:

* The selectionSortEven and selectionSortOdd functions call the swap function with the array and indices.

THE REST IS MAIN FUNCTION TO CALL THOSE METHODS!