Program-27

A class SwapSort has been defined to perform string related operations on a word input.  
Some of the members of the class are as follows:  
Class name SwapSort  
Data members/instance  
variables:   
wrd to store a word  
len integer to store length of the word  
swapwrd to store the swapped word  
sortwrd to store the sorted word  
Member functions/methods:   
SwapSort( ) default constructor to initialize data members with legal initial values  
void readword( ) to accept a word in UPPER CASE  
void swapchar( ) to interchange/swap the first and last characters of the word in wrd and stores the new word in swapwrd   
void sortword( ) sorts the characters of the original word in alphabetical order and stores it in sortwrd   
void display( ) displays the original word, swapped word and the sorted word  
  
Specify the class SwapSort, giving the details of the constructor( ), void readword( ), void swapchar( ), void sortword( ) and void display( ). Define the main( ) function to create an object and call the functions accordingly to enable the task.