Program-13

Design a class "Check" which checks whether a word is a palindrome or not.  
(Palindrome words are those which spell the same from either ends).  
  
Example: MADAM, LEVEL etc.  
  
The details of the members of the class are given below:  
Class name : Check  
  
Data members / instance variables:  
wrd : stores a word  
len : to store the length of the word  
  
Methods / Member functions:  
Check( ) : default constructor  
void acceptword( ) : to accept the word  
boolean palindrome ( ) : checks and returns true if the word is a palindrome otherwise returns false   
void display( ) : displays the word along with an appropriate message  
  
Specify the class "Check" giving details of the constructor, void acceptword( ), boolean palindrome( ) and void display( ).  
Define the main( ) function to create an object and call the functions accordingly to enable the task.