Program-16

A class Gcd has been defined to find the Greatest Common Divisor of two integer numbers.  
  
Some of the members of the class are given below:  
Class name : Gcd  
  
Data member/instance variable:  
num1 : integer to store the first number  
num2 : integer to store the second number  
  
Member functions/methods:  
Gcd( ) : default constructor  
void accept( ) : to accept the numbers  
int gcd(int x,int y) : return the GCD of the two number x and y using recursive technique  
void display( ) : displays the result with an appropriate message  
  
Specify the class Gcd, giving details of the Constructor, void accept( ), int gcd(int,int), and void display( ).   
Define the main() function to create an object and call the functions accordingly to enable the task.