

ASSIGNMENT

1. Implement power function using recursion.
`int power(int base, int index);`
2. Write a function to calculate nth term of the Fibonacci series using recursion.
`int fibonacci(int n);`
3. Write a function to calculate GCD of given numbers using recursion.
`int gcd(int num1, int num2);`
4. Write a function to print a given character for a given number of times (non-recursive).