

Data Structures and Algorithms - Assignment 2

1. Power ($x ^ y$) using recursion.
2. nth term of Fibonacci series using recursion.
3. Prime factors of a given number using recursion.
4. Decimal to Binary conversion using recursion.
5. Binary search using recursion (for arrays sorted in descending order).
6. Implement Fibonacci search. Reference: <https://www.geeksforgeeks.org/fibonacci-search/>