***Week – 6 (24.05.2021 – 29.05.2021)***

***CODES IN PDF***

1. ***Pow(x, n):***

class Solution {

public:

double myPow(double x, int n) {

if (n == 0) return 1;

double calc = myPow(x, floor(n/2));

if (n < 0) x = 1 / x;

if (n % 2 == 0) return calc \* calc;

return calc \* calc \* x;

}

};

1. ***Fibonacci Number:***

class Solution {

public:

int fib(int n) {

if(n<=1) return n;

return fib(n-1) + fib(n-2);

}

};