C, C++, DSA in depth

Doubt class assignment-17



Saurabh Shukla (MySirG)

- (D) SumN(n) 1+2+3+...(n-1)+n
- (2) n+sumN(n-1) 1+2+3+...+(n-1) + N
- (3) n==1 1

(2)

- (1) SumoddN(n) 1+3+5+... nterms
- (2) sumoddN(n-1) 1+3+5+... (n-1) terms $+(2\times n-1)$
- (3) n=-1

2456 (1) sumdigits (x) 2+4+5+6

sumdigits (X/10) 2+4+5 + X7.10

HCF 270 70 hcf (a, b) (2) if (a > b) int hcf(int a, int b) hcf(ay.b, b) if (a7b) else if (ay-b==0) hcf(a, b%a) return b; return hcf(arb,b); ay. b = =0 17 (by.a==0) return a; else return hcf(a, by.a); 270,70 60,70 60,10

Print Albonacci Suivs
1 2 3 4 5 6 7 8 9 10 11 12
1 1 2 3 5 8 13 21 34 55 89 144 (i) printfib (10) 011235813213455 (2) printfib (9) 0112358132134 printf("-1d", fib (10));

3 printfib (0) -> 0

