Ques Multiplication m, n -> using addition 2x3 = 2+2+2 = add 2 - 3 3 times Expectation Faith -> Combine m,n Hul(5,6)330 ans = Hul(5,6) 5 7 35 return ans +5; psint Mul (int m, int n) & ans=Mul(m, n-1); seturn m + ans; J 5,3 7 5,2

Que Fibracci Seales 0 1 1 2 3 5 8 13

nth Sibnecci number

Expectation Faith Fib(6)

**2)** 8

84 = Fig (4); Fib(4) => 3 85 = Fib(5); ti6(5) = 5

return 84+85;

Combine

p s int gib(int n) ?

if (n = = 0 | | n = = 1)aetuan n;

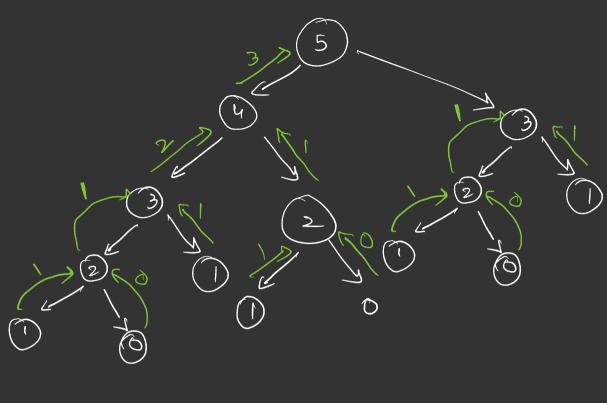
gnm/ = gib(n-1);

gnm2 = g16 (n-2);

return frm1 + frm2;

g1 t(2) 816(4) 812

8165



Que il a staing is Palindanne abcba 1 s e abccba 15 se Expectation s Faith is P (abcba, 1, 3) is P (abcba, 0, 4) es True 3 True bool ans = is P (abcba, 1,3) return ans && s.charA+(0) == s.chA(4) >> 600 | ans = is P ( sta, st1, e-1); return ans && str. charAt(s) = = s. charAt(e) (str. charatle) ! = s. charatle))

return false;

enetwen is PE ster, st1, e-1)

1"

Palindene