

Recursive version booked vice (Short, losic mirrored debin of the separal) that performance was terrible. Any way to set the best of booth worlds?

Meno ization

Intuitively, issue on recursive titoracci was
that it was to getful at lapt on re computing
of on the Save values.

Solution: Size of monory!

Could use a map or a veder to store compited value. E.S. ucder (n+) M;

MC:] = f(i).

Lots dry it!

return ans;

int In (int n vector <int) & M)

{ hvariant; if n < M, size,

(then M[n] == f(n)

if (n < M. size()) return M[n];

int ans;

if (n < M, size()) return M[n];

else ans = fm(n-1, M) + fm(n-2, M);

(update menory / tolde of anomens;

// need to set M[n] = ans, but

// se complet to note once there is space,

// tolde out on ight out

// se ments in the view amount.