

1+1 (-, 1 a: 1 4, ait1 ai = ai; a; = a; () Now in C++: int n; Cinssn, int 1 = 1; // ai = a; , abore = a; 1 int ai abetare; ai = 1; abefore = 1; // Note values of ai, abstace i are // consistant with the maning we save them MI. e., the invariant is established. if (n < 2) { cout << 2; 3 retarno; absfore ai anext (a:1) (a) (a:1) 11 else NZZ While (i<n) (int anext = abstore + ai; 11 0 abelie = ai; // 3)

There, we know i == n \ ai = ai = an.

Cout << ai;