

Code winner (vector < bool > & person int n int index int person left, int k) { if (person-left == 1){ for (inti=0; ckn; i++){ Ulperson[i] == 0) · return i; int kill= (k-1) % person left i while (kill 3 --) { index = (index +1)%n; while person (index] == 1) index = (index + 1) % n; person [index]=1; while (person lindex] == 1) index = (index +1) % h; notion winner (person, n, index, person-left -1, n); $T_i(c \rightarrow O(n^2)$ S.C-1 O(n) T.C. Now if we want to solve this question in O(H) & O(h) S.C.

