Parth Ray

Count Analysis

1. T(n) = 2 T(n / 2) + (n - 1) T(1) = 0
2. T(n) = 2(2 T(n / 4) + (n / 2) – 1) + (n - 1)

= 2(2 (2 T(n / 8) + (n / 4) - 1) + (n / 2) – 1) + (n - 1)

T(n) = 2kT(n / 2k) + kn – (2k - 1)