Recursion April 2022

S = malayalam

isPalindrome (S, start, end)

→ (S, 0, 8)

if (S[0] ==== S[8]) {
    isPalindrome (S, 1, 7);
}

(S, 0, 8)   } true
               (m)alayala(m)
               } true

(S, 1, 7)   m(a)layal(a)m
               true

(S, 2, 6)   ma(l)ayd(l)am
               true

(S, 3, 5)   ← mal(a)y(a)lam
               true