Pseudo Code to reverse a string

REVERSE(MySentence) (N)

If MySentence length = 0 (N)

Return MySentence (1)

Else (N-1)

Return MySentence(-1) + “ “ + string(REVERSE(MySentence[:-1])) (N-1)

Data ← USER INPUT (1)

Solution ← REVERSE(Data) (1)

Print Solution (1)

The big O notation for this pseudo-code is 3N+2. Once the constants and multipliers have been taken away, the complexity is O(N).