Pseudo Code to reverse a string

SPLITTEXT(string) (1)

myList ← [ ] (1)

words ← SPLIT string (1)

FOR I IN words (N)

myList.APPEND(i) (N)

solution ← REVERSE(myList) (1)

PRINT(solution) (1)

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)

SPLITTEXT(Data) (1)

The big O notation for this pseudo-code is 6N+6. Once the constants and multipliers have been taken away, the complexity is O(N).