Pseudocode for a program that reverses the characters of a given string.

Step 1: Start

Step 2: Read the string from the user.

Step 3: Calculate the length of the string.

Step 4: Initiallize ‘new’ as an empty string.

Step 5: Initialize i – length – 1.

Step 6: Repeat until i <= 0

6.1: new = new + character at position i of the string.

6.2: i = i - 1.

Step 7: Print new.

Step 8: Stop.