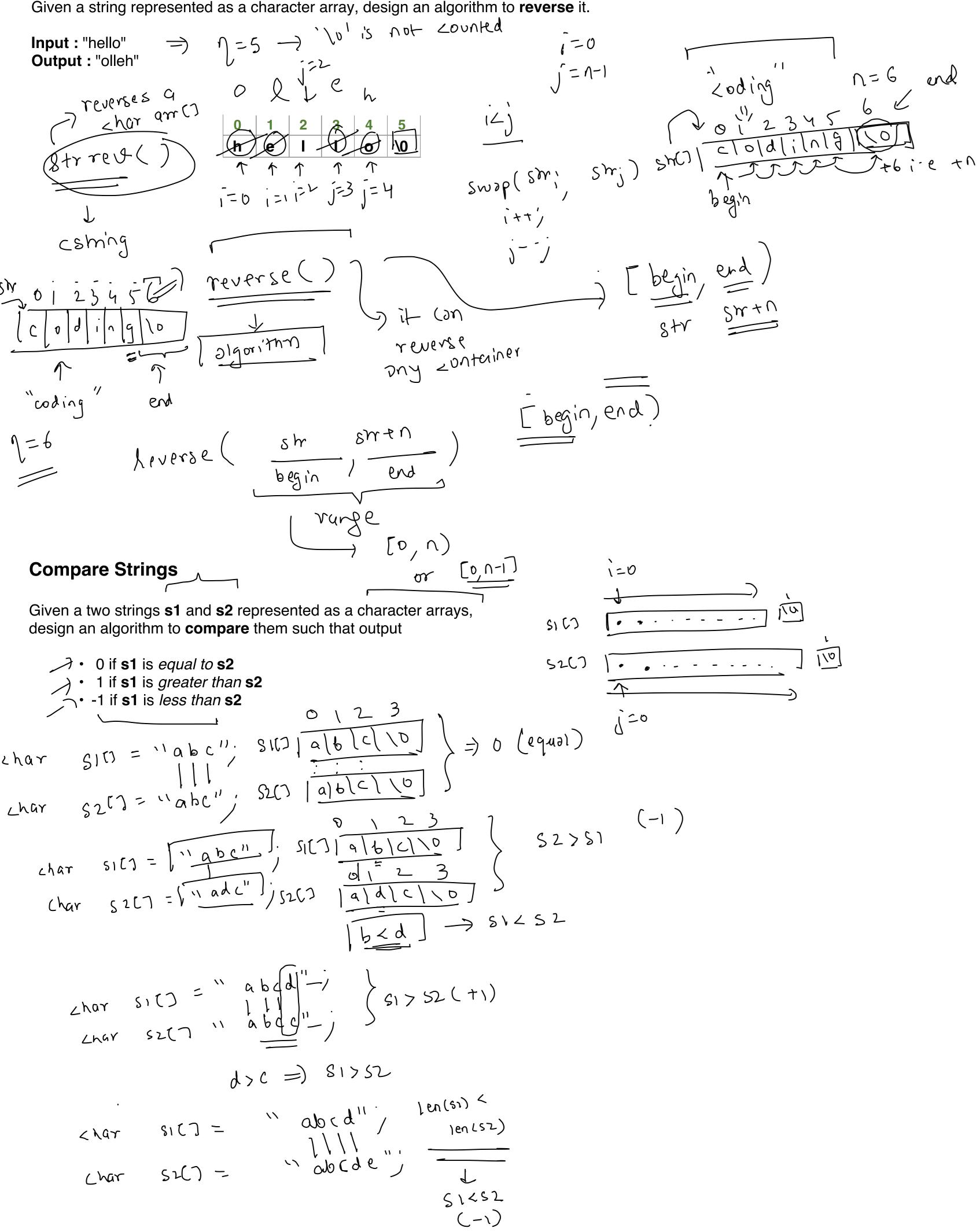


## Reverse a String

Given a string represented as a character array, design an algorithm to reverse it.



## **Copy Strings**

Given a two strings s1 and s2 represented as a character arrays, design an algorithm to **copy** the contents of s2 into s1.

note: assume length of s2 <= length of s1. sz into SI SILIZ = SCj) + + 1 IXIYIZLIO 

## **Concatenate Strings**

Given a two strings **s1** and **s2** represented as a character arrays, design an algorithm to **concatenate / append** <u>s2</u> to <u>s1</u>.

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note: assume s1 has enough capacity to accommodate characters of both s1 & s2.

```
Strtok
  String Tokenization
  Given a string represented as a character array, design an algorithm to tokenize it
  based on a delimiting string also represented as a character array.
  Tokenization of a string is a process of splitting a string into tokens (substrings)
  Input: "abc.def.ghi" and "."
Output: "abc", "def", "ghi"
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                                                (stapic duration)
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```