GAYATHRI

4AL19CS035

Algorithm

Step 1 : Start

Step 2 : Input string1, string2.

Step 3 : Str1 = string1

Step 4 : Str2 = string2.

Step 5 : while (*str1 == *str2)

      if (*str1 == '\0' || *str2 =='\0')

      break;

      str1 ++

      str2 ++.

Step 6 : if (*str1 == '\0' && *str2 == '\0')

      Display (Both Strings are Equal

      Else

      Display Both Strings are not Equal

Step 7 : Stop

```
                    ( Start )
                        |
                        v
        / Input String1, string2 /
                        |
                        v
        [ str1 = string1 ]
                        |
                        v
        [ str2 = string2 ]
                        |
                        v
                      / \
                     /   \
                    / while \
                   ( (*str1 == )
                    \ *str2) /
                     \     /
                      \   /
         False   /      \      True
        <--------/ *str1 ==      \-------->
                 \ *str2 != '\0' /         |
                  \            /            v
                   \          /        [ break ]
                    \        /              |
                    |                       v
                    |                  [ str1++ ]
                    |                       |
                    |                       v
                    |                  [ str2++ ]
                    |                       |
                    +-----------+-----------+
                                |
                                v
                              / \
         False               /   \              True
        <-------- ( *str1 == '\0' && )-------->
            |      \ *str2 == '\0' /        |
            v       \            /          v
  / Both strings are not /    / Both strings are same /
  /       same          /    /                        /
            |                          |
            +------------+-------------+
                         |
                         v
                     ( Stop )
```