Write a c program to implement stcmp using pointers

Algorithm

1. Start

2. Input String 1 [so], String 2 [so]; St1 - Stri
   -Equal = 0

3. Input first, second string

4. Str 1 = String 1
   Str 2 = String 2;

5. while (* Str-2 & Strq)

6. If (* Sk1 = '\0' || * Str 2 = '\0')
   break;

7. Str 1++;
   Str 2++;

8. If (* Str 1 == '\0' && * Str 2 == '\0')
   Output string are equal
   else

9. Output Strings are not Equal

10. Stop

flowchart

```
                    ( Start )
                        |
                        v
        / Input string1[s9], string  /
       /  "str1," str2, int i, Equal /
                        |
                        v
       [ Input first, second str ]
                        |
                        v
          [ str1 = string1  ]
          [ str2 = str2     ]
                        |
                        v
              < while        >
              < str1 <= str2 >
                        |
                        | True
                        v
              < if             >
              < (str1 == '\0'  >
              < || str2 =='\0' >
                        |
                        | True
                        v
                  [ Break ]
                        |
                        v
              [ str1 ++       ]
              [ str2 ++       ]
                        |
                        v
    True      < if            >  False
      <-------< str1 == '\0'  >------->
      |       < && str2       >       |
      |       < == 0          >       |
      v                               v
 [ Strings are ]              [ Strings are ]
 [  Equal      ]              [ not Equal   ]
      |                               |
      +---------------+---------------+
                      |
                      v
                 ( Stop )
```