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C program to implement strcat without using inbuilt function.

Algorithm

1. Start
2. Input str1 & str2
3. Repeat through step 3

   for i=0; str1[i]!='\0'; i++

   str3[i] = str1[i]

4. Repeat through step 4

   for j=0; str2[j]!='\0'; j++, i++

   str3[i] = str2[j]

5. str3[i] = '\0';

6. Print str3

7. Stop

Flowchart

```
                    ( Start )
                        |
                        v
          /  Input str1 & str2  /
                        |
                        v
false   <  for i=0; str1[i]!='\0'; i++  >
  |                     |
  |                  True|
  |                      v
  |            | str3[i] = str1[i] |
  |                     |
  |                     v
false  <  for j=0; str2[j]!='\0'; j++, i++  >
  |                     |
  |                  True|
  |                      v
  |            | str3[j] = str2[j] |
  |                     |
  |                     v
  |            | str3[i] = '\0' |
  |                     |
  |                     v
  |            /  Print str 3  /
  |                     |
  |                     v
                    ( Stop )
```