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. Point 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 str3 /
                        |
                        v
                    ( Stop )
```