C Program to implement strcat without builtin function

Algorithm:-

① Start

② input char str1[100]= "kotappa", str2[100]= 'Chandudi',
   str3[200], int i=0, j=0.

③ while (str1[i] != '\0')
   {
       str3[j]= str1[i];
       i++, j++
   }

④ i=0

⑤ while (str2[i] != '\0')
   {
       str3[j] =str2[i];
       i++ , j++
   }

⑥ str3[j] = '\0'

⑦ Output concatenated string

⑧ Stop.

Flowchart:?

```
                    ( Start )
                        |
                        v
        /  input str1 and str2  /
                        |
                        v
                   / while  \
                  < (str[i]!=\0 >─────────────┐
                   \         /                │
                        |                      │
                        v                      │
        ┌──────────────────────────┐          │
        │   str3[j] = str1[i]       │          │
        │   j++    ,  i++           │          │
        └──────────────────────────┘          │
                        |                      │
                        v                      │
                  ┌──────────┐
                  │  i = 0   │
                  └──────────┘
                        |
                        v
       ┌───────────  / while  \
       │            < (str2[i] = '\0') >
       │             \         /
       │                  |
       │                  v
       │    ┌──────────────────────────┐
       │    │   str3[j] = str2[i]       │
       │    │   i++  , j++              │
       │    └──────────────────────────┘
                        |
                        v
             ┌─────────────────────┐
             │   str3[j] = '\0'    │
             └─────────────────────┘
                        |
                        v
        /  Print concatenated string  /
                        |
                        v
                   ( Stop )
```

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