C program to check whether a given string is pallindrome or not without using inbuilt function

Algorithm :

Step 1 : start

Step 2 : Input str.

Step 3 : n=strlen (str)

step 4 : Repeat through step 4
        for(i=0;i<n;i++)

    4.1 : if (str[i]=='')

    4.1.1 : k=i

    4.1.2 : Repeat through 4.1b
            for j=k+1;k<n;j++,k++
            str [k]=str[j]

    4.1.3 : n--;

    4.1.4 : i=i-1

step 5   : Print str

step 6   : stop

Flowchart :

```
                    ( Start )
                        |
                        v
              / Input str /
                        |
                        v
              | h = strlen(str) |
                        |
                        v
           < for (i=0; i<h; i++) >─────────────┐
                        | True                 |
                        v                       |
                      / If   \                  |
                     < Str[i]=='' >             |
                      \      /                  |
                        | True                  |
                        v                       |
                    | k = i |                   |
                        |                       |
                        v                       |
           < for (j=k+1; j<h; k++) >            |
                        | True                  |
                        v                       |
              | Str[k] = str[j] |               |
                        |                       |
                        v                       |
                    | h-- |                     |
                        |                       |
                        v                       |
                  | i = i-1 |──────────────────┘
                        |
                        v
              / output str /
                        |
                        v
                   ( stop )
```