C program to remove space from string

Algorithm:

1. Start
2. Enter a String
3. len = strlen (str)
4. for (i=0; i<len; i++)

      if (str[i] == ' ')

        for (j=i; j<len; j++)

        then str[j] = str[j+1]

        process len

5. Output string after removing spaces
6. Stop.

Flowchart:

```
                    ( Start )
                       |
                       v
              / Input String /
                       |
                       v
            | len = strlen(str) |
                       |
                       v
            < for (i=0; i<len; i++) >
                       |
                       v
                      /  \
                    /  if   \
                   < str[i]=='  ' >---- F
                    \        /
                      \  /
                       |
                       v
            < for (j=i; j<len; j++) >
                       |
                       v
            | str[j]=str[j+1] |
                       |
                       v
                  | len-- |
                       |
                       v
              / output string after
                removing spaces /
                       |
                       v
                   ( STOP )
```