Anush Somanath Majalkar
4AL19CS010

C program to remove space from string

Algorithm

1. Start
2. Enter a string
3. len = strlen (str)
4. for i = 0 to i < len
   if (str[i] == ' ')
   for j = i to j < len
   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
           \    T   /                |
             |                       |
             v                       |
    < for (j=i; j<len; j++) >        |
             |                       |
             v                       |
     | str[j] = str[j+1] |           |
             |                       |
             v                       |
        | len-- |                    |
             |<----------------------+
             v
 / output string after remaining
            spaces. /
             |
             v
         ( Stop. )
```