C Program to remove vowels from string.

Algorithm

① Start
② Input str
③ len = strlen (str)
④ Count = len
⑤ for (i=0; i<len)
   Switch (str[i])
    Case 'a':
    Case 'A':
    Case 'e':
    Case 'E':
    Case 'i':
    Case 'I':
    Case 'o':
    Case 'O':
    Case 'u':
    Case 'U':
   for (k=i; k<count; k++)
   str[k] = str[k+1]
   Count --
   break
   default
   i++
⑥ str[count] = '\0'
⑦ Display string after removing vowels
   output str.
⑧ Stop

Flowchart

```
                    ( Start )
                        |
                        v
                 / Input str /
                        |
                        v
              [ len = strlen (str) ]
                        |
                        v
                [ Count = len ]
                        |
          T             v
   +----------< for(i=0; i<len) >
   |                    |
   |                    v
   |             [ switch (str[i]) ]
   |                    |
   |                    v
   |                  / Case 'a'  \
   |                 /  Case 'A'   \
   |                /   Case 'e'    \
   |               /    Case 'E'     \        T
   |              <     Case 'i'      >------------------+
   |               \    Case 'I'     /                  v
   |                \   Case 'o'    /       < for(k=i; k<count; k++) >
   |                 \  Case 'O'   /                     |
   |                  \ Case 'u'  /                      v
   |                   \Case 'U' /              [ str[k] = str[k+1]
   |                        |                     Count --
   |                        | R                    break        ]
   |                        v
   |                    / default \      T
   |                   <  default  >---------+
   |                    \        /           v
   |                        | F           [ i++ ]
   +------------------------+                  |
                            |                  |
                            +<-----------------+<-------+
                            |
                            v
                 [ str[count] = '\0' ]
                            |
                            v
        / string after removing vowels /
        /       output str            /
                            |
                            v
                        ( Stop )
```