|  |  |
| --- | --- |
| Pseudocode | Time of cost |
| word <- "beautiful" 1  REMOVE\_VOWEL(wrd)  wrd <- String [] wrd 1  For i <- 0 to length(wrd): n  If w[i] = "a" OR  w[i] = "e" OR  w[i] = "i" OR  w[i] = "o" OR  w[i] = "u": n  Remove wrd[i] n  wrd = String wrd 1  Return wrd 1  PRINT REMOVE\_VOWEL(word) 1 | 1  1  n  n  n  1  1  1 |
| **Runtime bound:** | f(n) = 3n + 5 |
| **Complexity:** | O(n) |