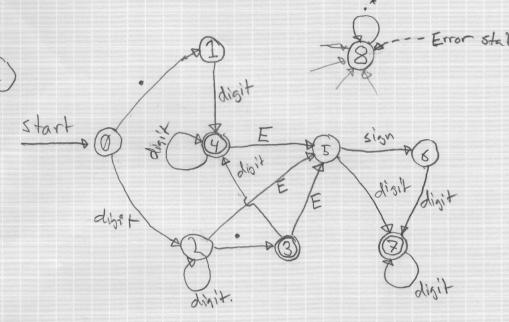
(disit) \* (((disit) + (dot))) ((dot)(disit)+))? ((Ele)(sisn)? (disit)+)?



This could be implemented with a state mechine (switch-case) inside a loop. And when the input buffer his empty, check the state, and if it is 3, 4, or 7 the scamer succeeded otherwise there is an error.

Read one char per loop of course.

shit state = 0

while (tran) {

char c = rget char(...)

switch (state) {

case 0.