9/3/68

event channels
   2 queues
      a) queue of events
           name
           data word
      b) queue of waiting processes

3 ops
      a) place an event on a channel
        in all cases, what happened is returned
          i) if process queue of the channel empty,
              place your name
              and data word on the event queue

          ii) if process queue non empty
             give top process
                your name
                data word
            and wake up

[right margin:] check event queue it an initial, or event already to, we do not enter the event

what if full!

if almost full, (full-1) a special entry goes in saying "you lose"

it full, nothing goes in

in all cases, the "eventor" is informed

      b) get an event from an event channel
          i) if event queue empty, get on process queue
          ii) if event queue unempty
             get 1st event consisting of
                a process word
                a data word

      c) get an event from an event channel if any
        i. it even queue empty, so, so