Operating Systems
Mediates between hardware + Software.
- managing access to shared resources.
(PÚ, no truorh, dish, PAM Donder,)
- providing Services to make wing resources larger. E project 12
- providing services to make using resources laster. E project 12 enforce security + access policies.
Sys Mit:
- call all other mit function
- Call Man, man
- Call all other mit functions. - Call Man, man - Call Sys. halt.
half: manife loop.
wait: 100p a bunch.
error: prht & ERRL,
then call Sye.halt.
\wedge
new: call Memon, alloc.
dispuse: Memory de Alloc (this).
Stry.
-field for max leythfreld for current leyth
- field for current leyth
- Freld for Array of characters.
- cherAf SetCherAf appends erase
- all do maex bounds chechy.

int Value / set Int: convert int - Stong. Story int: -loop as long as characters are digits. - keep trach of current value - For each new digit. Subtract U8 from Character. in t & Storng:

- to get last oligit; = % 10

- chop off last objit: /10. - repeat. loop until 6. Mod!? $a^{\circ}/_{o}d = \alpha - (a/d)*_{d}$ how to deal w reverse order? - reverse Story. - using recursion:

- get the last digit

- recursively convert n/10 to Stry

- append the last digit. Note: handle regatived

Keyboard key Pressed: just Call Memory peele read Char: See pseudo cocle in book. readline: -Coll read Char in a loop - if backspace, - Erage Last Char from buffer - Output. bach Space. Math alos, max, min - easy.