Operating Systems  Software  Hardware  - provide access to shared resources.  - provides servies to make workey w/ resources easier.  Project 12.  Sys. jack
halt - inf. loop.  error - just pront ERR #-  mit - calls init functions of all  other GS classes  o call Main main  o call halt.
Array - just call Memony alloc deflor.  Story  - store char array, car len, mex len in fields.  - int Value (Story - int)  - set Jut (int -> Story).

mt Value val = 0 loop through chars as long as they are digits. 16' - - 9' 48 57 13 d13it: (472 c) (C Val = 10 \* val + (c - 48) SetInt while n > 9: get last digit with % 10 append digit to striky. chop off lost disit with / 10. problem: 6 mod? a-(a/d)\*d (2) reverse? a) build reversed Story afterwards. b) use recursion. 3 regative H's? deal w/ @ outermost lage, muer code only works for pos.

Reyboard.
her Pressed - use Memon, peele.
read Char - 2 loops + Ontput. point
read Line - read Char Ma (08p,
appard to Strong (or evan if backspace).
Math - naive 3 ox! - Handle negatives separately.
More efformt multiplication:
3(2 × 43
$\frac{1086}{1086}$ $\leftarrow 3 \times 362$

$$\frac{10010}{10010} = \frac{1 \times 10010}{10010}$$

$$\frac{10010}{1000} = \frac{1000}{1000} \times \frac{10010}{1000}$$