my Atol (sting s) problem
We need to simulate a manual string to integer passer that
We need to simulate a manual string to integer passer that handles: white space trimming
epstional sign
- digit recelling
- stiend sign - digit recelling - everflow clamsing
Ledge Cases:
Input is only whitespace: - reteas o
Injutes +0 123 - stop after o seturio
Input is only whitespace: - retean o Input is +0 123 - stop after o seturno Input is -0001234 - treat it as -1234
Input starts with non-dégit after esteônal sign (lile "-abe")-retains
Implementation:
1. Thim hedring white spece use a sounter   index to ship all speces at the leginming. Don't ux benefit in trimming.  2. Elrech for high: If you see - 1 set sign to negative.  If you see + set sign to positive.
leginming. Don'tux beult in tumming.
2. Eliech for ligh; If you see - set sign to megative.
If you see + set sign to positive
Y MILLIA OLGANIA DI POSILIVE
Adrence the index only if + & - is found.
3. Ked digits: 2003 as longer cossent chareda is a digit (o to 9),
to each digit: convert it using digit=slis- o
before adding to result, cluck if
multiplying result by to and adding
oligit will ova flow 32 bit signed range
Usc: if (sexult > INT_HAX/10/1(sexult = = INT_HAX/10
El digit >7) // clamp
Clamp the sexult: If ever flororing positive, seturn INT-MIN
If graftguig negative, return MI-MIN
1 11 lt-l A A A A A A A A A A A A A A A A A A A
4. Multerly and Accumulate: result = result *10+digit;

