DAY-39 Design a stack that supports of min() in O(1) time and O(1)
entra space. Approah:Define avariable minEle
that stones aurrent minimum element in the stack, now, the interaction part is, how to handle the case when min men dement is removed To handle this, we push 2x-min Ele into the stack instead of x so that previous minimum element can be retried using current minfile and its value stoned in stack, push (x): Inserts on at the top of the stock -) if stack is outply, insent x into the stack and make mintle equal to n If stack is not amply, compare n with min Fle. Two cerses auge! i) if n is greater than or equal to min Fre, simply insert or. ii) if misless than min Ele, insert (2*nomin Fle) Into the stack and make min Fle equal to m.

removes an element from top of one stack. (y) => if y is greated mon or equal to mintele, the minimum element > if of is less than mintile, the minimum now becomes (2x min Ele y) so aparte (mintle= 2*mintle=y) I this is where we retrieve previous minimum from current minimum and its value in stack. -) stacke dossnit hold actual value of on clamant if it is minum so fair. -> Actual mimum