Smallest latter Letter cureuter than tan - smallest latter greater than target Exat sume approach like ceilieng of Avanber - but ignore the equal to part Crarget == what we are looking) X ['[i','e','b','s']= +rp target = 'i' Smalles + Letter Carr, 'c') => 11 'd' = ans smallestletter (arr, 'g') =) // i' = ans smallestletter carr, 'j') =) 11'c' = and - if letter not found, just return First letter Formula = (start % length) for returning First letter How let's see: when condition is violated or break: ste Stort > end @

tale t - if target is olast letter 7 target & stort = mid +1; cet this point = 3+1 = 4 start becomes length of arr S>e=) Start == length =) true apply Formulail Start "10 length H 0/0 4 = 0) so, it return a index which is first letter 18415 (00)6 smallest Latter ( char EJ arr, char target) { int start = 0; int end : arr-length-1; while C start <= end) { int mid: Start + (end-start) (2: if ctarget >= arr { mid]) { start: mid +1; 7 eise 8 end = mid-1; return arr [start of arr-length];