Smit-

OOA

## LINEAR SEARCH VINOS SILL

- Unear/sequential Search -
- It is basic of simple search algorithm
- In sequential search, we compare the target value with

all other elements given in the list Example: 2011

Find index of element 17 in array num [8,12,16,17,2]

Class Main ?

The second second

public static void main (String Dargs) ? int num - 18, 12, 16, 17, 23;

> Int index: find Element (num); // calling function to System out printin (index). find the index of element 117

State int findflement (int [ Jarr)?

For linti-o; ik arr. length; 1++) 2

IF Carrfid == 17)

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return -1 (smismit DOA Working POR.

D 174ms 3 = 17 TRANSPORTED THE IMPLY

nums 8 12 16 return 3 arr 201 008 MOS 001 cindex)

Index value

LA IF value af i in index of array is equal to 17. then return 1- (index) else moue forward

