## 

## Intro to Usts:

- class Teacher:

-> Arg. no of students in a class: 50

i) 50 registers for 50 students ii) 1 register for 50 students //

Advantages of option 2:

1) less resource

ii) Easy to maintain
iii) Easy to analyse
iv) Perform operator easily

=> Sachin:

Total matches = 463

e) addyn ii) Arg runs

S runs1 = 50 runs 2

rums 463 = 200

- 2) Access the element of a list:
- >) Juns [inckx]
  - \* -ve indexing :
    - topper from first 2 1 0

      topper from lest 2 -1

      second topper from lest 2 -2
      - Turns =  $\begin{bmatrix} 0, 99, 0, 99, 200, 150, 163 \end{bmatrix}$
      - -ve index: -7 -6 -5 -4 -3 -2 -1
    - len (gruns) =) 7
    - tre index >> [0,7) 7 excluded -re index >> [-1,-7] all inclusive
    - 1) if size of list is N. 2) 7

raye (N) 2) 0,1,2,3,4,5,6

\* Updating a lift: runs = [1,50,150,200] centurian = 250 Two ways of adding: > runs. append (centurian) ) juns = [1,50,150,200,250] \* Insert: insert (index, data) Q = [6, 8, 9, 7]=> l. insert (1, 33)

» l = [6,33,8,9,7]	
index: 0 1 2 3 4	