



Agenda:

Tribo de list

Indexing

Up desting a list

Theoation in a list

Questo on list

* Back to school days:

- i) Same register for all students
 ii) Different registers for different students

: Advantages

- → All deta at one place → less space requised for storing deta → Easy to look

* Sachin's dota:

- => fleterogenous: Can store different Data-types => Ordered: Data is stored in a sequence

inducing is numbering of sequence of deta # it starts from 0

$$\Rightarrow$$
 len \Rightarrow N - 1

-> 9 mins [index] : op is element at index

- => 9mms [0] = 100
- =) runs [1] = 99 => runs [7] = 30

* Negatire Indexing:

$$\Rightarrow$$
 9 mins = $\begin{bmatrix} 0 & 1 & 2 & 3 & 4 & 5 & 5 \\ 100 & 99 & 0 & 99 & 200 & 99 & 30 \\ -7 & -6 & -5 & -4 & -3 & -2 & -1 \end{bmatrix}$

- => -ve indexing of 1st element (-len (runs))
- \Rightarrow 0 \longrightarrow len(list)