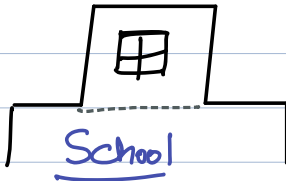


Lists:



=> class teacher

Tarish : 50 students in his class.

- i) 1 register for whole class
- ii) 50 registers for 50 students

logic :

- i) Easy to maintain
- ii) Why to waste resources
- iii) Less storage needed
- iv) Easy to check upon data.

★ Who is God of cricket?

=> no. of matches played by Sachin?

: 463

=> Write a program. Store scores of each match.

$$\Rightarrow \begin{array}{lcl} m_1 & = & \text{int}(\text{input}()) \\ m_2 & = & \text{int}(\text{input}()) \\ \vdots & & \vdots \\ \vdots & & \vdots \\ m_{463} & = & \text{int}(\text{input}()) \end{array}$$

\Rightarrow Find the avg. run scored.

$$\text{avg runs} = \frac{m_1 + m_2 + \dots + m_{463}}{463}$$

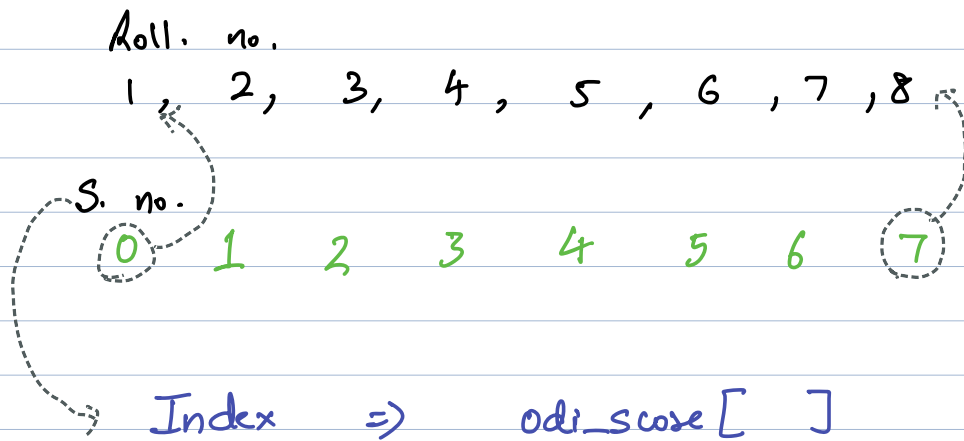
★ Gst:

$$\text{score} = [100, 20, 80, \dots, 200]$$

\Rightarrow syntax of Gst

$$\text{ODI_score} = [, ,]$$

Indexing :



★ Negative Indexing:

★ odi_scores = [100, 20, 50, 60]

odi_scores[-1] = 60

★ Indexing :

+ve : (0) ... (len - 1)

-ve : (-len) ... (-1)