## Python Programming List of lists - Indexing

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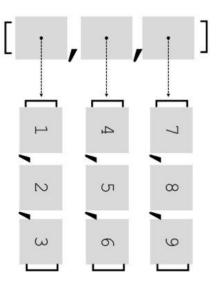
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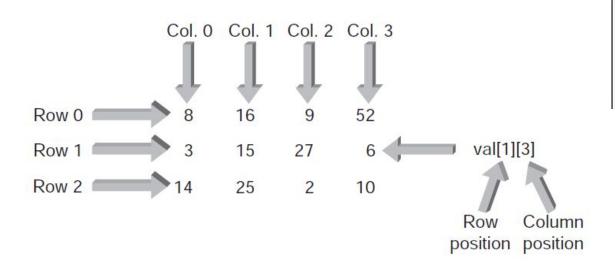
## List of lists

- In this section, we won't learn new Python Syntax
- We will stress how nesting lists can create strong representation!
- A list of list of integer can create what we call a matrix
  - In C++ and Java it is called array. It has a fixed view
  - In python, we also have the numpy arrays
  - But we will focus here on using list of list to emulate a 2D array

## **Nesting lists**



## Indexing (think 2D array)



"Acquire knowledge and impart it to the people."

"Seek knowledge from the Cradle to the Grave."