

Literate Programming:

Combination of coding and documentation. Literate programming was introduced by Donald Knuth in which a program is given as explanation of the program logic in a natural language such as English along with some snippets of macros and traditional source code

Python

- python was invented by Guido Van Rossum in 1989, and released the python in 1991
- python is an interpreted, high-level, general purpose programming language

Platforms to run python

IDLE, PyCharm, Anaconda, PyScripter etc

Anaconda

Anaconda is a platform which provides various applications to run various programming languages, in that we are using jupyter notebook to run python

why we should use anaconda

Anaconda contains popular python libraries which are used for Data Science and Machine Learning.

Shortcuts

M: Markdown

Y: code

space: to scroll down

shift+space : to scroll up

shift+enter : to run the cell

A: to insert a cell above

B: to insert a cell below

Markdown syntax

Heading

Heading1

Heading2

Heading3

Heading4

Heading5

Heading6

- text line1
- text line2
- text

- text
- **bold text**
- **Italic test**
- ***bold and Italic***
- text
 - text sublist
 - textlist1
 - textlist2
- unordered list
 - list 1
 - list 2
 - list 3
- ordered list

1. list1
2. list2
3. list3

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