LetsUpgrade

PYTHON ZERO TO HERO

03 October 2021

DAY-1

ASSIGNMENT

Q.1) What is

- **Text Editors**
- **Full IDEs**
- **Notebook Environments ?**

_____

1. Text Editor

- A text editor is a type of computer program that edits plain text.
- A text editor allows a developer to open, edit, and view a file, initially in a plain-text state.
- Example :
    1. VS Code
    2. Atom
    3. Sublime
    4. Notepad++

. . . .

2. Full IDEs [Integrated development environment]

- An integrated development environment (IDE) is a software application that provides comprehensive facilities to computer programmers for software development.
- An IDE normally consists of at least a source code editor, build automation tools and a debugger.
- Example :
  1. NetBeans
  2. Eclipse
  3. IntelliJ
  4. Visual Studio

. . . .

3. Notebook Environments

- A notebook interface (also called a computational notebook) is a virtual notebook environment used for literate programming, a method of writing computer programs in a way that more closely matches how humans think.
- Modular notebooks may connect to a variety of computational back ends, called "kernels"
- Example :
  1. Jupyter Notebook
  2. Google Colab.

. . . .